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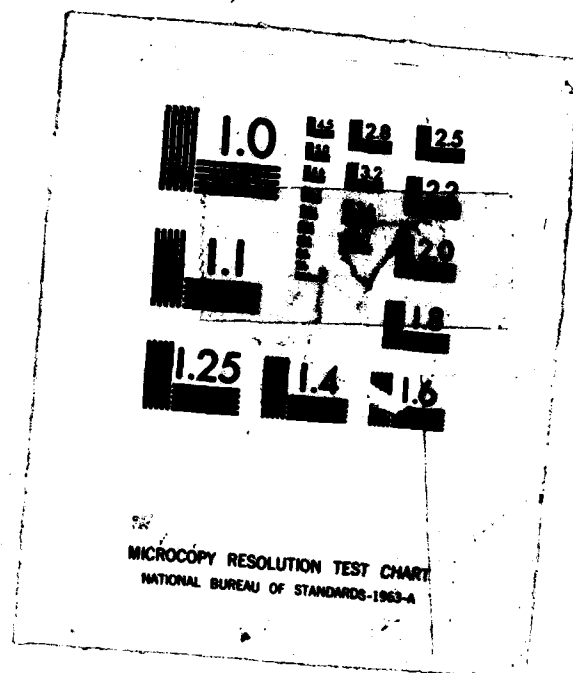
WATERBORNE COMMERCE OF THE UNITED STATES CALENDAR YEAR  
1985 PART 1 WATERWAYS U.S. CORPS OF ENGINEERS FORT BELVOIR  
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# WATERBORNE COMMERCE OF THE UNITED STATES

*Calendar Year 1985*

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PART 1  
WATERWAYS AND HARBORS  
ATLANTIC COAST

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DEPARTMENT OF THE ARMY  
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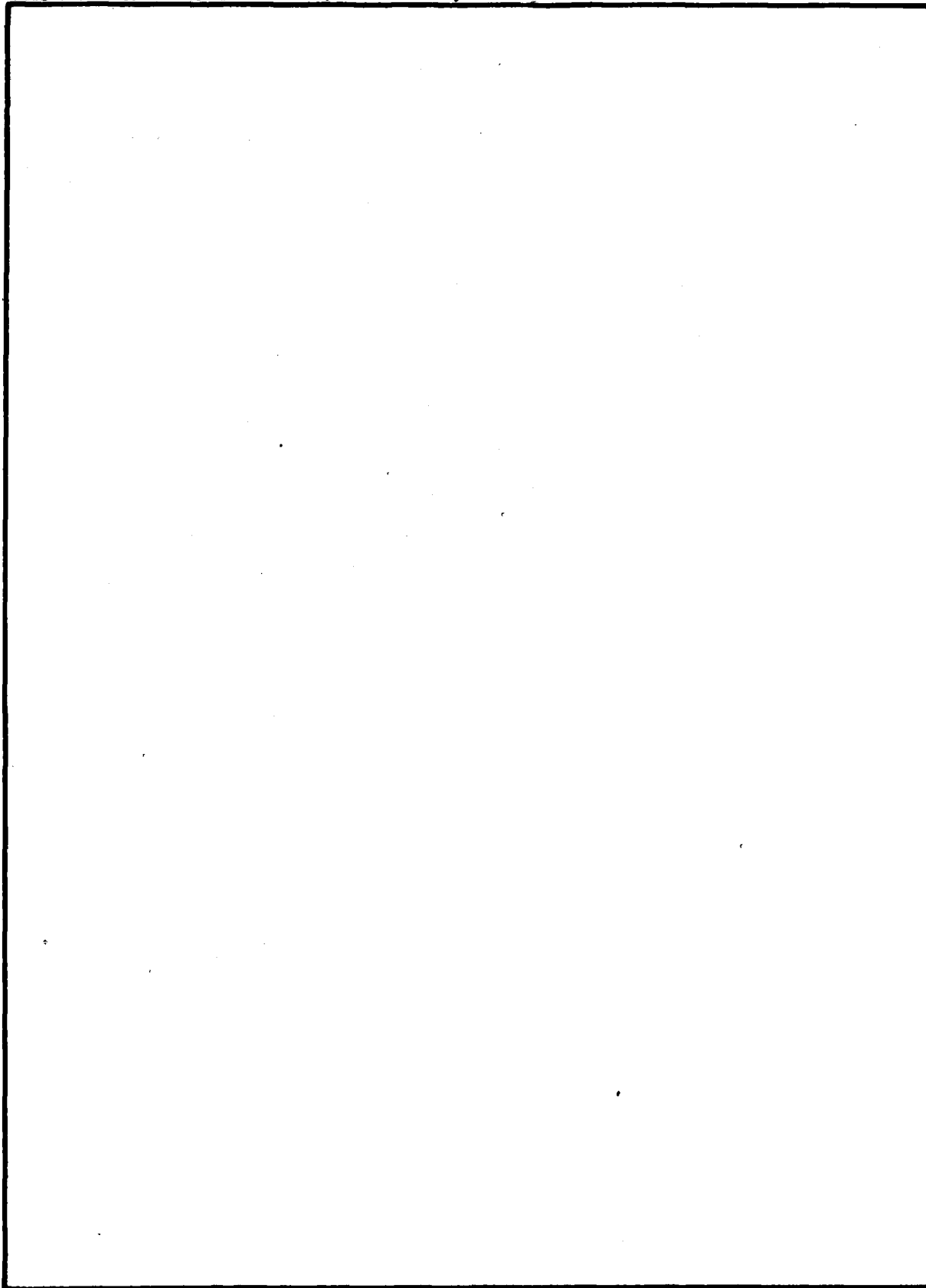
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# WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1985

## PART 1

### WATERWAYS AND HARBORS ATLANTIC COAST

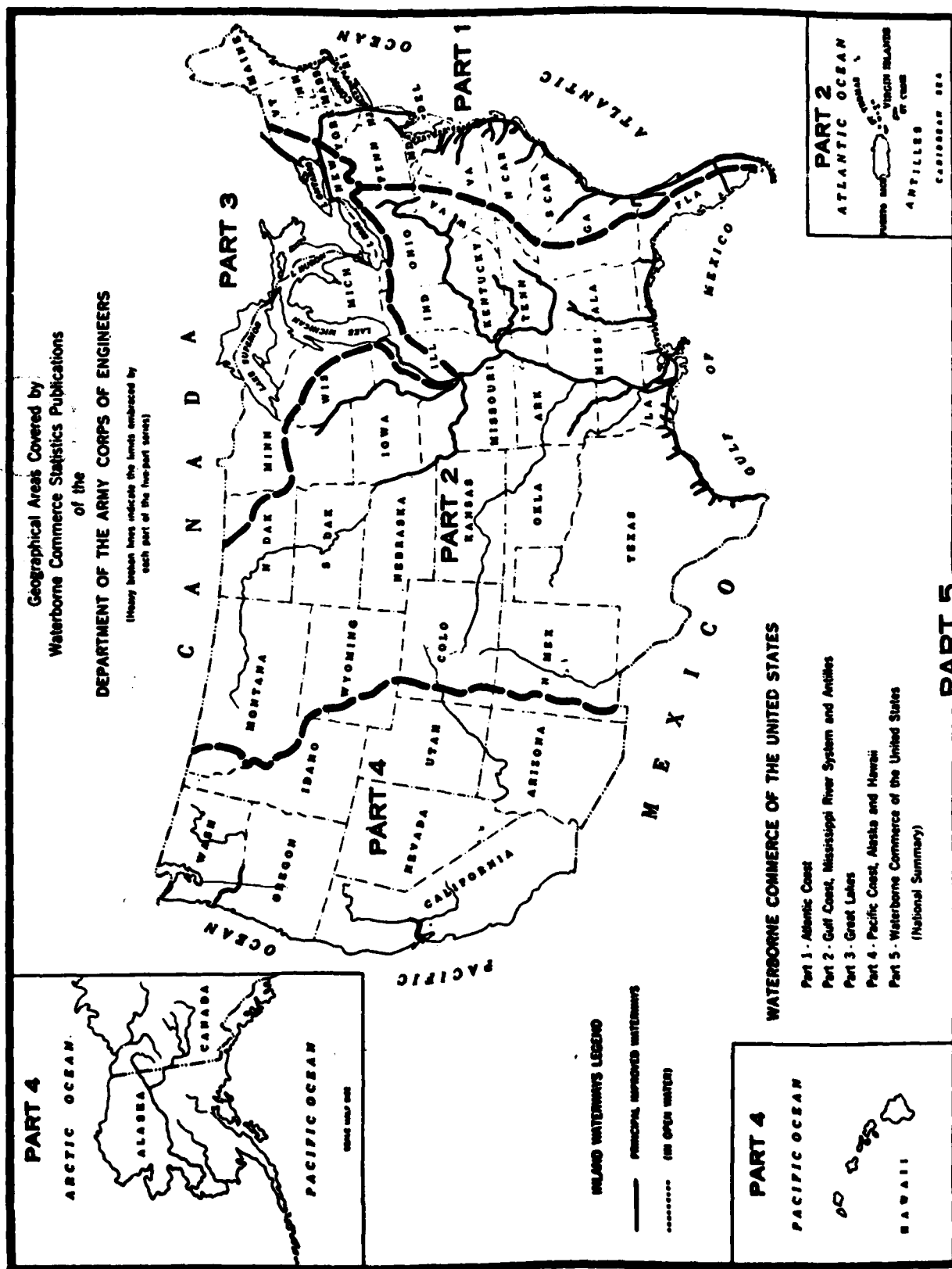
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This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1985. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

#### Area

- Part 1. Atlantic Coast
- Part 2. Gulf Coast, Mississippi River System, and Antilles
- Part 3. Great Lakes
- Part 4. Pacific Coast, Alaska, and Hawaii
- Part 5. Waterborne Commerce of the United States (National Summaries)

Both the foreign and domestic commerce moved on United States waters are included. Data on the foreign commerce were supplied to the Corps of Engineers by the Bureau of the Census; data for the compilation of the domestic statistics were collected by the several offices of the Corps of Engineers, Department of the Army, in compliance with various acts of Congress. The principal provision governing the collection of these data is included in the River and Harbor Act of September 22, 1922:

Section 11. That owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of War: Provided, that this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

That every person or persons offending against the provisions of this section, shall for each and every offense, be liable to a fine of \$100 or imprisonment not exceeding two months, to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been committed.

While the information as now collected and compiled is designed to meet the administrative requirements of the Department of the Army in connection with the duties assigned by Congress, it also provides useful data for other governmental departments, commercial and shipping concerns, and others interested in transportation.

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget under the Federal Reports Act of 1942 for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the island rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands, excluding the Panama Canal. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1985 but not reported to the Corps of Engineers until after 28 February 1986 will be included in the next year's, 1986, statistics rather than in this publication, while reports of movements completed in 1984 but reported to the Corps after 28 February 1985 are included in this publication.

Sponsored by the Office of Statistical Policy, Office of Management and Budget, a uniform system of classification for freight was developed with cooperation of all Federal agencies engaged in collecting and compiling data on shipping. This classification, the Commodity Classification for Domestic Waterborne Commerce, is used for data on the foreign and domestic commerce presented in these publications, although some minor modifications exist in the foreign data which were necessitated by Bureau of the Census policies and procedures.

The domestic traffic includes all commercial movements between points in the United States, Puerto Rico, and the Virgin Islands. Traffic with the Panama Canal Zone is treated as foreign commerce. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo moved in Department of Defense vessels is omitted from these statistics.

All movements between the United States and foreign countries and between Puerto Rico and Virgin Islands, U.S.A., and foreign countries are classified as foreign traffic. Trade between United States territories and possessions, i.e. Guam, Wake, American Samoa, etc., and foreign countries is excluded.

These data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Statistical Policy, Office of Management and Budget. The data are confined to movements by water, and are reconcilable with published reports of the Bureau of the Census. Shipments of domestic merchandise and re-exports of foreign merchandise are termed exports. The imports include inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses. Intransit merchandise, defined by the Bureau of the Census as merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import, is treated as an import when unloaded from a vessel and as an export when loaded on a vessel. Export shipments for use of the United States Armed Forces abroad are excluded from the statistics as are import shipments on Department of Defense owned and operated vessels. Foreign trade data of territories and possessions other than Puerto Rico and the Virgin Islands, which are under the jurisdiction of the Department of the Interior, were not furnished to the Corps of Engineers by the Bureau of the Census and are excluded from the statistics of both agencies.

Export shipments under the various foreign aid programs on Department of Defense operated vessels, either American Flag commercial vessels under time, voyage, or space charter or vessels owned and operated by the Department of Defense, and various items (listed by the Census) which affect national security are not published in terms of the individual commodities shipped. Instead, a lump-sum tonnage figure is compiled and appears in these tables as commodity code 9999, "Department of Defense Controlled Cargo and Special Category Items."

The 1985 statistics on waterborne exports of domestic and foreign merchandise and non-Department of Defense shipments of Special Category commodities reflect fully compiled data for shipments to Canada individually valued at \$2,000 and over combined with estimated data for shipments valued \$251-\$1,999, based on a 10-percent sample of such shipments. For countries other than Canada, the export statistics reflect fully compiled data for shipments valued \$1,000 and over combined with estimated data for shipments valued \$251-\$999, based on a 50-percent sample of such shipments. Data on export shipments valued under \$251 are excluded from this report.

Import statistics for 1985 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

Foreign trade data furnished by Census are based on reports processed for Census' monthly data January through December and represent statistical year rather than calendar year data.

# VIII

## Waterborne Commerce of the United States, 1985

The figures on ton-miles are computed by the Corps of Engineers; each ton-mile figure reflects only the distance each ton of cargo, foreign or domestic, moved on the waterway described in the section for which the figure is reported. The summary of ton-miles for the entire United States contained in Part 5 includes movements on the inland waterways and Great Lakes System only, cargoes, foreign and domestic, of deep-sea vessels are included only for that portion of the voyage that occurred in inland rivers, canals, or connecting channels—neither the carriage on the oceans nor the Gulf of Mexico nor the tonnage moved among the territories and possessions, "Intra-territory Traffic," is taken into account.

Trips of vessels at ports are reported as inbound, which represents the number of entrances or arrivals, and outbound, which represents the number of clearances or departures. On the waterways, the number of trips signifies the number of individual vessel movements on the waterway in each direction; a single trip is counted for each vessel using the waterway in a continuous direction regardless of the number of stops made on the waterway. Some towboat trips and empty barge moves are sampled to expedite processing and reduce cost. Even with sampling; however, the number of towboat trips are calculated from better than 70-percent of the total number of towboat moves reported and the number of barge trips are derived from better than 85-percent of the total number of barge moves reported. The number of trips reported includes vessels engaged in foreign trade, which are furnished by the Bureau of the Census based on Customs Entrance and Clearance forms. Complete information on trips of vessels, ferry and other, not required to clear formally was not furnished by the Bureau of Customs beginning with data for the year 1969. Adjustments are made to the trip counts, if necessary, to more accurately reflect actual traffic patterns (e.g. inbound vs. outbound trip counts).

Customs regulations with regard to entrance and clearance do not provide all data as required by the Corps of Engineers where supplementary information could be obtained, adjustments were made by the Corps of Engineers to reflect the true volume of vessel movements in and out of channels and harbors reported in these publications.

Excluding from these figures are United States Army and Navy vessels, such as Army transports and Navy tankers entering or clearing without commercial cargo, and foreign military and naval craft.

Some duplication may exist in the number of vessel trips at ports for those American flag vessels engaging both foreign and domestic trade on the same voyage. Since movements of vessels and cargo between two United States ports are reported to the Corps of Engineers, and entrance and clearance must be obtained from Customs at each port of call while foreign cargoes are aboard, those vessels engaged in combined foreign and domestic movements may be reported twice.

Draft, in all cases, is the distance from water level to the lowest point of the vessel under-water and is measured when the vessel is completely stopped—either tied to a dock or at anchor. The draft under way—while the vessel is moving—is dependent on many factors, such as speed of the vessel and depth and width of the channel, and varies from channel to channel. Channel depth of at least 3 feet more than the draft of a vessel at dock is required where vessels must be operated at slow speed. Channel depth of 5 feet more than the draft of a vessel at dock is required in channels where vessels can be operated at more efficient and economical speeds.

Passenger arrivals and departures on the various waterways and channels and at ports include passengers engaged in foreign travel. While the Immigration and Naturalization Service, Department of Justice, no longer provides foreign passenger data to the Waterborne Commerce Statistics Center, foreign passengers traveling between Canada and the United States in the Great Lakes and Alaska areas are reported to the Corps of Engineers from other sources available to the Corps. In addition, the New England Division has been able to obtain foreign passenger data for calendar year 1985 in Bar Harbor, Lubec, Eastport and Portland Harbor.

Foreign data on various connecting channels having no terminal facilities, such as Cape Cod Canal, and Chesapeake and Delaware Canal, are not available from Census records. Hence, the Corps of Engineers developed such data from canal records.

SECTION 1 of this publication presents comparative statements of commerce for preceding years and the detailed freight traffic for calendar year 1985 of harbors and waterways in the area covered by this part of the statistics series.

SECTION 2 presents data on the movements of vessels at the harbors and on the waterways included in the first section.

### TERMS FOR KIND OF TRAFFIC

The terms applied to the kinds of traffic as found in these publications are explained as follows:

#### Pertaining to Ports

**Imports and Exports.** These terms apply to traffic between the United States and foreign ports, including the Canal Zone. Traffic of the U.S. Great Lakes ports with Canada is supplemented by the term "Canadian" to differentiate it from overseas traffic.

**Coastwise Receipts and Shipments.** These terms apply to domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, or Puerto Rico to Hawaii. Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed "coastwise." The Chesapeake Bay and Puget Sound are internal bodies of water, therefore, traffic confined to these areas in "internal" rather than "coastwise."

**Lakewise Receipts and Shipments.** These terms apply to traffic between United States ports on the Great Lakes System. The Great Lakes System is treated as a separate system rather than as a part of the inland system.

**Internal Receipts and Shipments.** These terms apply to traffic between ports or landings wherein the entire movement takes place on inland waterways. Also termed internal are movements involving carriage on both inland waterways and waters of the Great Lakes; inland movements that cross short stretches of open waters which link inland systems; marine products, sand and gravel taken directly from beds of the oceans, the Gulf of Mexico and important areas thereof; and movements between offshore installations and inland waterways.

**Local.** Movements of freight within the confines of a port whether the port has only one or several areas or channels, except car-ferry and general ferry are termed "local." The term is also applied to marine products, sand, and gravel taken directly from the Great Lakes.

**Intraterritory receipts and shipments.** These terms apply to traffic between ports in Puerto Rico and the Virgin Islands, U.S.A., which are considered a single unit.

#### Pertaining to Rivers, Federal and Private Canals, Connecting Channels, and Intracoastal Waterways

The terms "imports," "exports," "coastwise receipts," "coastwise shipments," "internal receipts," and "internal shipments" are used as at ports.

**Upbound and Downbound.** These terms are applied to movements within the confines of a river, intracoastal waterway, canal, or a segment of one of these channels as described in the "Section included" for each channel.

**Inbound and Outbound.** Traffic moving from one waterway into another is termed "outbound" in the case of the shipping waterway and "inbound" with respect to the receiving waterway.

**Through Traffic.** Traffic moving through a waterway to and from points on other waterways is termed "through traffic."

#### General Terms

Freight reported under the terms "car ferry" or "general ferry" is not directly included in the port or channel tonnage, but is separately stated and tabulated.

# INTRODUCTION

# IX

## COMMODITY CLASSIFICATION FOR DOMESTIC WATERBORNE COMMERCE

NOTE: The commodity descriptions used in the statistical tables in this publication are abbreviated to conserve printing space of the following commodities:

Code No.	Item Name	Code No.	Item Name
Group 01-Farm Products		Group 19-Ordinance and Accessories	
0101	Cotton, raw	1911	Ordinance and accessories
0102	Barley and rye	Group 20-Food and Kindred Products	
0103	Corn	2011	Meat, fresh, chilled, or frozen
0104	Oats	2012	Meat and meat products prepared or preserved, including canned meat products
0105	Rice	2014	Tallow, animal fats and oils
0106	Sorghum Grains	2015	Animal by-products, not elsewhere classified
0107	Wheat	2021	Dairy products, except dried milk and cream
0111	Soybeans	2022	Dried milk and cream
0112	Flaxseed	2031	Fish and fish products, including shellfish, prepared or preserved
0119	Oilseeds, not elsewhere classified	Group 20-Food and Kindred Products	
0121	Tobacco, leaf	2034	Vegetables and preparations, canned and otherwise prepared and preserved
0122	Hay and fodder	2039	Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved
0129	Field crops, not elsewhere classified	2041	Wheat flour and semolina
0131	Fresh fruits	2042	Animal feeds
0132	Bananas and plantains	2049	Grain mill products, not elsewhere classified
0133	Coffee, green and roasted (including instant)	2061	Sugar
0134	Cocoa beans	2062	Molasses
0141	Fresh and frozen vegetables	2081	Alcoholic beverages
0151	Live animals (livestock) except zoo animals, cats, dogs, etc.	2091	Vegetable oils, all grades; margarine and shortening
0161	Animals and animal products, not elsewhere classified	2092	Animal oils and fats, not elsewhere classified, including marine
0191	Miscellaneous farm products	2094	Groceries
Group 08-Forest Products		2095	Ice
0841	Crude rubber and allied gums	2099	Miscellaneous food products
0861	Forest products, not elsewhere classified	Group 21-Tobacco Products	
Group 09-Fresh Fish and Other Marine Products		2111	Tobacco manufactures
0911	Fresh fish, except shellfish	Group 22-Basic Textiles	
0912	Shellfish, except prepared or preserved	2211	Basic textile products, except textile fibers
0913	Menhaden	2212	Textile fibers not elsewhere classified
0931	Marine shells, unmanufactured	Group 23-Apparel and Other Finished Textile Products Including Knit	
Group 10-Metallic Ores		2311	Apparel and other finished textile products, including knit
1011	Iron ore and concentrates	Group 24-Lumber and Wood Products Except Furniture	
1021	Copper ore and concentrates	2411	Logs
1051	Bauxite and other aluminum ores and concentrates	2412	Rafted logs
1061	Manganese ores and concentrates	2413	Fuel wood, charcoal, and wastes
1091	Nonferrous metal ores and concentrates, not elsewhere classified	2414	Timber, posts, poles, piling, and other wood in the rough
Group 11-Coal		2415	Pulpwood, log
1121	Coal and lignite	2416	Wood chips, staves, moldings, and excelsior
Group 13-Crude Petroleum		2421	Lumber
1311	Crude petroleum	2431	Veneer, plywood, and other worked wood
Group 14-Nonmetallic Minerals, Except Fuels		2491	Wood manufactures, not elsewhere classified
1411	Limestone flux and calcareous stone	Group 25-Furniture and Fixtures	
1412	Building stone, unworked	2511	Furniture and fixtures
1442	Sand, gravel and crushed rock	Group 26-Pulp, Paper and Allied Products	
1451	Clay, ceramic and refractory materials	2611	Pulp
1471	Phosphate rock	2621	Standard newsprint paper
1479	Natural fertilizer materials, not elsewhere classified		
1491	Salt		
1492	Sulphur, dry		
1493	Sulphur, liquid		
1494	Gypsum, crude and plasters		
1499	Nonmetallic minerals, except fuels, not elsewhere classified		



Code No.	Item Name	Code No.	Item Name
Group 26-Pulp, Paper and Allied Products (continued)		Group 32-Stone, Clay, Glass and Concrete Products	
2631	Paper and paperboard	3211	Glass and glass products
2691	Pulp, paper and paperboard products, not elsewhere classified	3241	Building cement
		3251	Structural clay products, including refractories
		3271	Lime
		3281	Cut stone and stone products
		3291	Miscellaneous nonmetallic mineral products
	Group 27-Printed Matter		
2711	Printed matter		Group 33-Primary Metal Products
	Group 28-Chemicals and Allied Products		
2810	Sodium hydroxide (caustic soda)	3311	Pig iron
2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene	3312	Slag
2812	Dyes, organic pigment, dyeing and tanning materials	3313	Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents
2813	Alcohols	3314	Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge
2816	Radioactive and associated materials, including waste	3315	Iron and steel bars, rods, angles, shapes and sections, including sheet piling
2817	Benzene and toluene, crude and commercially pure	3316	Iron and steel plates and sheets
2818	Sulphuric acid	3317	Iron and steel pipe and tube
2819	Basic chemicals and basic chemical products, not elsewhere classified	3318	Ferroalloys
2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting and laminates	3319	Primary iron and steel products, not elsewhere classified including castings in the rough
2822	Synthetic rubber	3321	Nonferrous metals primary smelter products, basic shapes, wire castings and forgings, except copper, lead, zinc and aluminum
2823	Synthetic (man-made) fiber	3322	Copper and copper alloys, whether or not refined, unworked
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)	3323	Lead and zinc including alloys, unworked
2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations	3324	Aluminum and aluminum alloys, unworked
2851	Paints, varnishes, lacquers, enamels, and allied products		Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment
2861	Gum and wood chemicals	3411	Fabricated metal products, except ordnance, machinery, and transportation equipment.
2871	Nitrogenous chemical fertilizers, except mixtures		Group 35-Machinery, Except Electrical
2872	Potassic chemical fertilizers, except mixtures		
2873	Phosphatic chemical fertilizers, except mixtures	3511	Machinery, except electrical
2876	Insecticides, fungicides, pesticides, and disinfectants		Group 36-Electrical Machinery, Equipment and Supplies
2879	Fertilizers and fertilizer materials, not elsewhere classified		
2891	Miscellaneous chemical products	3611	Electrical machinery equipment and supplies
	Group 29-Petroleum and Coal Products		Group 37-Transportation Equipment
2911	Gasoline, including additives		
2912	Jet fuel	3711	Motor vehicles, parts and equipment
2913	Kerosene	3721	Aircraft and parts
2914	Distillate fuel oil	3731	Ships and boats
2915	Residual fuel oil	3791	Miscellaneous transportation equipment
2916	Lubricating oils and greases		Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks
2917	Naphtha, mineral spirits, solvents, not elsewhere classified		
2918	Asphalt, tar, and pitches	3811	Instruments, photographic and optical goods, watches and clocks
2920	Coke, including petroleum coke		Group 39-Miscellaneous Products of Manufacturing
2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids		
2951	Asphalt building materials	3911	Miscellaneous products of manufacturing
2991	Petroleum and coal products, not elsewhere classified		Group 40-Waste and Scrap Materials
	Group 30-Rubber and Miscellaneous Plastics Products		
3011	Rubber and miscellaneous plastic products	4011	Iron and steel scrap
	Group 31-Leather and Leather Products	4012	Nonferrous metal scrap
3111	Leather and leather products	4022	Textile waste, scrap, and sweepings
		4024	Paper waste and scrap
		4029	Waste and scrap, not elsewhere classified

## INTRODUCTION

XI

Code No.	Item Name
	Group 41-Special Items
4111	Water
4112	Miscellaneous shipments not identifiable by commodity
4113	LCL freight
4118	Materials used in waterway improvement, Government materials
4119	Empty containers
9999*	Department of Defense controlled cargo and special category items

\* Cargoes exported on Department of Defense controlled vessels (other than goods for the use of U.S. Armed Forces abroad) and non-Department of Defense shipments of military component items (abbreviated SC1) for which commodity detail is not furnished to the Corps of Engineers.

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**Section I**  
**FREIGHT TRAFFIC**

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# NEW ENGLAND DIVISION

3

## BUCKSPORT HARBOR, MAINE (INCLUDED IN PENOBSCOT RIVER, MAINE)

SECTION INCLUDED: HARBOR PROPER, INCLUDING WESTERN END OF THE EASTERN CHANNEL, OPPOSITE THE NORTHERN END OF VERONA ISLAND. CONTROLLING DEPTH: 5.2 FEET. PROJECT DEPTH: 16.0 FEET IN MIDDLE GROUND AT MEAN LOW WATER.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	1,185,142	1981-----	965,295
1977-----	1,191,026	1982-----	860,897
1978-----	1,175,770	1983-----	862,234
1979-----	1,091,630	1984-----	1,011,287
1980-----	939,308	1985-----	723,852

### FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC	
		IMPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	723,852	336,771	293,132	93,949
2911 GASOLINE-----	151,415	6,984	144,431	-----
2912 JET FUEL-----	61,227	-----	61,227	-----
2913 KEROSENE-----	9,340	-----	3,722	5,618
2914 DISTILLATE FUEL OIL-----	227,415	66,006	72,968	88,331
2915 RESIDUAL FUEL OIL-----	274,055	263,691	10,764	-----

## PENOBSCOT RIVER, MAINE

SECTION INCLUDED: MOUTH TO BANGOR. CONTROLLING DEPTH: 18 FEET IN CHANNEL OPPOSITE LAWRENCE COVE AND 21.4 FEET IN CHANNEL OPPOSITE FRANKFORT PLAYS. PROJECT DEPTH: 22 FEET BETWEEN BUCKSPORT AND WINTERPORT, 15 FEET NEAR STEARNS MILL AND CROSBY HARRONS, 13 FEET AT HARBOR AT BANGOR. ALL AT MEAN LOW WATER. NAVIGATION SEASON: ABOUT 9 MONTHS.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	1,821,635	1981-----	1,439,372
1977-----	1,812,439	1982-----	1,166,329
1978-----	1,768,187	1983-----	949,864
1979-----	1,601,606	1984-----	1,296,622
1980-----	1,859,216	1985-----	965,780

### FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	965,780	304,307	3,442	518,031	95,110
0131 FRESH FRUITS-----	645	-----	645	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	2,247	-----	2,247	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	172	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	3	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	58	-----	58	-----	-----
2911 GASOLINE-----	275,075	10,956	-----	264,519	-----
2912 JET FUEL-----	61,227	-----	-----	61,227	-----
2913 KEROSENE-----	20,214	-----	-----	18,600	5,614
2914 DISTILLATE FUEL OIL-----	115,764	71,764	-----	152,530	89,492
2915 RESIDUAL FUEL OIL-----	282,735	263,691	-----	19,044	-----
2916 ASPHALT, TAR, AND BITUMENS-----	6,611	-----	-----	6,611	-----
3411 FABRICATED METAL PRODUCTS-----	304	-----	-----	300	-----
3731 SHIPS AND BOATS-----	4	4	-----	-----	-----
4112 COMMODITIES, NEC-----	37	-----	317	-----	-----
TOTAL TON-MILES, 11,251,875.					

## SEARSPORT HARBOR, MAINE

SECTION INCLUDED: CHANNEL FROM DEEP WATER TO PIER AND TURNING BASIN AT HACK POINT. CONTROLLING DEPTH: 35 FEET IN 35 FOOT ACCESS CHANNEL; 30 FEET IN 35 FOOT TURNING BASIN. PROJECT DEPTH: 35 FEET, ALL AT MEAN LOW WATER.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	1,313,413	1981-----	1,079,013
1977-----	1,047,184	1982-----	793,713
1978-----	1,339,083	1983-----	828,894
1979-----	1,280,216	1984-----	1,001,944
1980-----	1,192,650	1985-----	860,775

# Waterborne Commerce of the United States, 1985

SEASPORT HARBOR, MAINE--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL.....	840,775	404,746	17,936	316,530	11,565
1011 IRON ORE AND CONCENTRATES.....	4,600	.....	.....	4,600	.....
1051 ALUMINUM ORES, CONCENTRATES.....	3,070	3,070	.....	.....	.....
1121 COAL AND LIGNITE.....	118,203	.....	.....	118,203	.....
1491 SALT.....	40,500	40,500	.....	.....	.....
1494 GYPSUM, CRUDE AND PLASTERS.....	21,241	21,241	.....	.....	.....
2211 BASIC TEXTILE PRODUCTS.....	212	212	.....	.....	.....
2621 STANDARD NEWSPRINT PAPER.....	17,203	.....	17,203	.....	.....
2631 PAPER AND PAPERBOARD.....	540	.....	540	.....	.....
2810 SODIUM HYDROXIDE.....	10,795	.....	.....	10,795	.....
2819 BASIC CHEMICALS AND PRND, NEC.....	10,247	10,247	2	.....	.....
2821 PLASTIC MATERIALS.....	92	.....	92	.....	.....
2911 GASOLINE.....	26,000	3,375	.....	21,155	2,272
2912 JET FUEL.....	82,202	.....	.....	82,202	.....
2913 KEROSENE.....	8,597	.....	.....	8,597	.....
2914 DISTILLATE FUEL OIL.....	30,395	12,034	.....	17,864	9,291
2915 RESIDUAL FUEL OIL.....	440,913	305,161	.....	45,752	.....

PORTLAND HARBOR, MAINE

SECTION INCLUDED: NORTHERN LIMIT FROM THE MOUTH OF THE PRESUMSCOT RIVER ON THE WEST TO THE NORTHERN EXTREMITY OF GREAT DIAMOND ISLAND ON THE EAST; AND THE SOUTHERN LIMIT FROM PORTLAND HEAD LIGHT TO THE SOUTHERN EXTREMITY OF CUSHING ISLAND ACROSS THE MAIN SHIP CHANNEL. INCLUDED WITHIN THIS AREA ARE THE WATERFRONTS OF PORTLAND, SOUTH PORTLAND AND BACK COVE. CONTROLLING DEPTHS: 45 FEET FROM THE SEA TO THE LIMIT OF THE 45-FOOT CHANNEL; 45 FEET IN MAIN SHIP CHANNEL; 45 FEET IN 45-FOOT HULSE ISLAND ANCHORAGE; 33 FEET TO PORTLAND BRIDGE; 32.0 FEET TO UPRYAN LIMIT IN THE 35-FOOT FORD RIVER CHANNEL; 30 FEET IN 30-FOOT ANCHORAGE; 10 FEET IN 30-FOOT APPROACH CHANNEL; 13 FEET IN 14-FOOT CHANNEL BETWEEN GRAND TROUK AND TUKEY RIDGES; 8 FEET IN 12-FOOT CHANNEL IN BACK COVE. PROJECT DEPTH: 45 FEET FROM OPEN OCEAN TO PORTLAND PIPELINE CORP. TERMINAL; 45 FOOT ANCHORAGE TO S & N R BRIDGE. OTHER CHANNELS RANGE FROM 12 TO 35 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976.....	25,373,621	535,471	1981.....	14,752,905	565,447
1977.....	14,326,110	535,014	1982.....	10,455,784	86,549
1978.....	22,145,303	569,557	1983.....	7,904,207	104,023
1979.....	11,262,431	575,035	1984.....	6,278,510	.....
1980.....	12,847,571	577,572	1985.....	7,620,204	72,656

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		LOCAL
				RECEIPTS	SHIPMENTS	
TOTAL.....	7,626,204	4,702,739	22,048	2,643,648	174,787	16,215
0911 FRESH FISH, EXCEPT SHELLFISH.....	16,810	595	.....	.....	.....	16,215
0912 SHELLFISH, EXCEPT PREPARED.....	11	11	.....	.....	.....	.....
1121 COAL AND LIGNITE.....	78,609	.....	.....	78,609	.....	.....
1311 CRUDE PETROLEUM.....	3,392,330	3,392,330	.....	.....	.....	.....
2034 VEGETABLES AND PREP, NEC.....	19,484	19,484	.....	.....	.....	.....
2081 ALCOHOLIC BEVERAGES.....	31	31	.....	.....	.....	.....
2311 APPAREL.....	2	2	.....	.....	.....	.....
2421 LUMBER.....	1,474	1,474	.....	.....	.....	.....
2611 PULP.....	23,027	13,291	9,736	.....	.....	.....
2621 STANDARD NEWSPRINT PAPER.....	1,594	1,594	.....	.....	.....	.....
2631 PAPER AND PAPERBOARD.....	687	687	.....	.....	.....	.....
2821 PLASTIC MATERIALS.....	64	64	.....	.....	.....	.....
2931 DRUGS.....	15	15	.....	.....	.....	.....
2961 GUM AND GUMM CHEMICALS.....	89,309	89,309	.....	.....	.....	.....
2971 HYDROGENOUS CHEM FERTILIZERS.....	19,382	19,382	.....	.....	.....	.....
2911 GASOLINE.....	1,659,325	44,407	.....	1,527,923	79,364	8,334
2912 JET FUEL.....	41,253	.....	.....	41,253	.....	.....
2913 KEROSENE.....	41,711	.....	.....	41,692	2,059	.....
2914 DISTILLATE FUEL OIL.....	1,148,068	330,387	.....	604,977	86,042	29,042
2915 RESIDUAL FUEL OIL.....	823,069	631,284	.....	156,315	6,022	29,400
2916 LUBRICATING OILS AND GREASES.....	140,063	140,063	.....	.....	.....	.....
2917 NAPHTHA, PETROLEUM SOLVENTS.....	1,360	.....	1,360	.....	.....	.....
2918 ASPHALT, TAR, AND BITUMENS.....	87,730	5,240	.....	82,490	.....	.....
3011 RUBBER AND MISC PLASTIC PROD.....	11	11	.....	.....	.....	.....
3211 GLASS AND GLASS PRODUCTS.....	0	0	.....	.....	.....	.....
3251 STRUCTURAL CLAY PRODUCTS.....	3,448	3,448	.....	.....	.....	.....
3811 FABRICATED METAL PRODUCTS.....	1,060	500	.....	.....	500	.....
3811 MACHINERY, EXCEPT ELECTRICAL.....	23	23	.....	.....	.....	.....
3711 MOTOR VEHICLES, PARTS, FRUIT.....	27	27	.....	.....	.....	.....
3731 SHIPS AND BOATS.....	16	16	.....	.....	.....	.....
4011 IRON AND STEEL SCRAP.....	12,297	12,297	.....	.....	.....	.....
4112 COMMODITIES, NEC.....	183	.....	.....	.....	.....	183
TOTAL TON-MILES.....	14,172,164	.....	.....	.....	.....	.....

# NEW ENGLAND DIVISION

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PONTSMOUTH HARBOR, N. H.

SECTION INCLUDED: FROM MOUTH TO NEWINGTON, N. H., ON THE WEST BANK OF THE PISCATAQUA RIVER. CONTROLLING DEPTH: 35.0 FEET IN THE 35-FOOT CHANNEL TO SIMPLEX DOCK; THENCE 30 FEET TO UPSTREAM LIMIT. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER OVER LEDGES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	3,143,313	77,580	1981	3,072,214	191,800
1977	3,000,854	94,204	1982	2,267,083	
1978	3,305,303	102,586	1983	2,210,500	
1979	3,519,024	100,566	1984	2,668,007	
1980	2,783,781	51,160	1985	2,740,051	

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE		
				RECEIPTS	SHIPMENTS	
TOTAL-----	2,740,051	1,153,905	142,994	1,430,220	7,147	25,785
0131 FRESH FRUITS-----	467		467			
0912 SHELLFISH, EXCEPT PREPARED-----	13	13				
1051 ALUMINUM ORES, CONCENTRATED-----	20	20				
1121 COAL AND LIGNITE-----	296,281			296,281		
1491 SALT-----	306,853	306,853				
1494 GYPSUM, CRUDE AND PLASTERS-----	212,546	212,546				
2014 TALLOW, ANIMAL FATS AND OILS-----	30,700		30,700			
2081 ALCOHOLIC BEVERAGES-----	5,240	5,240				
2099 MISCELLANEOUS FOOD PRODUCTS-----	10	10				
2211 FABRIC TEXTILE PRODUCTS-----	114	5	111			
2421 LUMBER-----	3,179	2,566	613			
2431 VENEER, PLYWOOD, WORKED WOOD-----	1	1				
2491 WOOD MANUFACTURES, NEC-----	84	17	67			
2511 FURNITURE AND FIXTURES-----	171	171				
2631 PAPER AND PAPERBOARD-----	3,349	208	3,141			
2691 PULP AND PAPER PRODUCTS, NEC-----	76		76			
2711 PRINTED MATTER-----	15	15				
2813 ALCOHOLS-----	3	3				
2819 BASIC CHEMICALS AND PROD, NEC-----	11,978	11,974				
2821 PLASTIC MATERIALS-----	46	25	31			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2		2			
2841 SOAP-----	5		5			
2851 PAINTS-----	85	85				
2871 NITROGENOUS CHEM FERTILIZERS-----	7,603	7,603				
2891 MISCELLANEOUS CHEMICAL PROD-----	36	36				
2911 GASOLINE-----	157,199			157,199		
2912 JET FUEL-----	74,270			74,270		
2913 KEROSENE-----	35,202			35,202		
2914 DISTILLATE FUEL OIL-----	601,085	171,763	436,700		7,147	25,785
2915 RESIDUAL FUEL OIL-----	517,160	172,616	344,544			
2918 ASPHALT, TAR, AND BITUMES-----	200,051	110,967	89,084			
2921 LIQUEFIED GASES-----	50,323	50,323				
3011 RUBBER AND MISC PLASTIC PROD-----	64	64				
3111 LEATHER AND LEATHER PRODUCTS-----	43	42	1			
3211 GLASS AND GLASS PRODUCTS-----	12	12				
3251 STRUCTURAL CLAY PRODUCTS-----	11	11				
3281 CUT STONE AND STONE PRODUCTS-----	21	21				
3291 MISC NONMETALLIC MINERAL PROD-----	20	20				
3311 PIG IRON-----	1,381		1,381			
3315 IRON, STEEL SHAPES, EXC SHEET-----	864	864				
3319 IRON AND STEEL PRODUCTS, NEC-----	686	686				
3321 NONFERROUS METALS, NEC-----	62		62			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	116	116				
3411 FABRICATED METAL PRODUCTS-----	44	44				
3511 MACHINERY, EXCEPT ELECTRICAL-----	811	793	18			
3611 ELECTRICAL MACH AND EQUIP-----	583	155	348			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	117	117				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	4	1	3			
3911 MISC MANUFACTURED PRODUCTS-----	130	130				
4011 IRON AND STEEL SCRAP-----	125,860		125,860			
4112 COMMODITIES, NEC-----	154	111	20			
TOTAL TON-MILES, 10,370,061.						

SALEM HARBOR, MASS.

SECTION INCLUDED: WESTERN SHORE OF HARBOR INCLUDING SOUTH RIVER. CONTROLLING DEPTH: 30 FEET AT MEAN LOW WATER IN THE 32-FOOT CHANNEL, 8 FEET IN THE 8-FOOT CHANNEL AND MARIN, AND 6 FEET IN THE 10-FOOT CHANNEL. PROJECT DEPTH: MAIN CHANNEL 32 FEET AT MEAN LOW WATER; SOUTH RIVER CHANNEL ABOUT 0.5 MILE LONG AND 10 FEET DEEP FROM THIS DEPTH IN THE HARBOR TO ABOUT OPPOSITE THE RIVER END OF DEFOY SHARP, THENCE TO 8 FEET AND THEN 6 FEET DEEP. ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	1,651,067	19,869	1981	1,270,200	37,987
1977	1,648,636	6,942	1982	929,018	
1978	1,847,230		1983	962,070	
1979	1,348,204	8,400	1984	1,450,962	8,894
1980	1,956,744	2,104	1985	1,613,122	7,435

## Waterborne Commerce of the United States, 1985

SALEM HARBOR, MASS.--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC
		IMPORTS	RECEIPTS
TOTAL-----	1,413,122	398,714	1,014,408
0133 COFFEE-----	166	166	-----
1121 COAL AND LIGNITE-----	924,938	-----	924,938
2914 DISTILLATE FUEL OIL-----	71,611	-----	71,611
2915 RESIDUAL FUEL OIL-----	416,607	398,548	17,059
TOTAL TON-MILES, 2,426,744.			

PORT OF BOSTON, MASS.

SECTION INCLUDED: BOSTON HARBOR, INCLUDING ALL THE TIDEWATER LYING WITHIN A LINE FROM POINT ALLERTON TO POINT SMIRLEY, AND EXTENDING WESTWARD TO THE MAINLAND, COMPRISING AN AREA OF APPROXIMATELY 47 SQUARE MILES. CONTROLLING DEPTH: MAIN SHIP CHANNEL TO COMMONWEALTH PIERS NO. 1, 39.7 FEET. OTHER CHANNELS RANGE FROM 15 TO 40 FEET. PRESIDENT ROADS ANCHORAGE, 35 FEET. PROJECT DEPTH: A CHANNEL 40 FEET DEEP IN GENERAL, BUT 45 FEET THROUGH ROCK 900 FEET WIDE, WIDENING AT THE OUTER END TO 1,100 FEET FROM THE SEA TO PRESIDENT ROADS, THROUGH BROAD SOUND. OTHER CHANNELS RANGE FROM 15 TO 40 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1970-----	26,172,442	724,477	1981-----	20,306,488	365,117
1971-----	25,975,275	628,921	1982-----	17,593,627	393,483
1972-----	26,073,590	234,490	1983-----	17,036,878	49,420
1973-----	25,342,673	260,464	1984-----	19,088,675	395,131
1980-----	22,033,922	113,235	1985-----	17,268,816	350,676

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS		
TOTAL-----	17,268,816	6,851,500	757,165	9,145,198	1,007,933	8,391	439,093
0105 RICE-----	49	49					
0119 HILSEEDS, NEC-----	20	5	15				
0121 TOBACCO, LEAF-----	31	10		21			
0129 FIELD CROPS, NEC-----	22	22					
0131 FRESH FRUITS-----	1,536	22	1,513	1			
0133 COFFEE-----	425	233		192			
0134 COCOA BEANS-----	684	684					
0141 FRESH AND FROZEN VEGETABLES-----	172	64	64	20			
0147 ANIMALS AND PRODUCTS, NEC-----	4,027	3,513	272	282			
0191 MISCELLANEOUS FARM PRODUCTS-----	211	154		53			
0941 CRUDE RUBBER AND ALLIED GUMS-----	1,341	1,324	17				
0961 FOREST PRODUCTS, NEC-----	613	253	13	347			
0911 FRESH FISH, EXCEPT SHELLFISH-----	62,135	47,602	384	5,554		8,391	
0912 SHELLFISH, EXCEPT SHELLFISH-----	3,556	1,719	174	1,661			
0931 MARINE SHELLS, UNMANUFACTURED-----	15	15					
1051 ALUMINUM DRES, CONCENTRATED-----	456	654	191	11			
1091 NONFERROUS DRES, CONCENT, NEC-----	175		175				
1121 COAL AND LIGNITE-----	16	16					
1311 CRUDE PETROLEUM-----	80,170	80,170					
1402 SAND, GRAVEL, CRUSHED ROCK-----	11,441	10,744	644	47			
1451 CLAY-----	399	293	106				
1491 SALT-----	49,433	49,433	20				
1492 SULPHUR, DRY-----	33		33				
1494 GYPSUM, CRUDE AND PLASTER-----	141,447	141,447					
1499 NONMETALLIC MINERALS, NEC-----	3,721	1,340	207	134			
1911 ORNANCE AND ACCESSORIES-----	17	12	5				
2011 MEAT, FRESH, CHILLED, FROZEN-----	484	105	21	344			
2012 MEAT AND PRODUCTS, NEC-----	2,014	310		1,700			
2014 TALLOW, ANIMAL FATS AND OILS-----	644		344	319			
2015 ANIMAL BY-PRODUCTS, NEC-----	4,433	109	4,424				
2021 DAIRY PRODUCTS, NEC-----	1,303	721		582			
2022 OTHER MILK AND CREAM-----	1,820	86	1,774				
2031 FISH AND SHELLFISH, PREPARED-----	4,744	4,273	19	452			
2034 VEGETABLES AND PREP, NEC-----	3,494	2,785	24	641			
2039 PREP FRUIT AND VEG JUICE, NEC-----	4,621	7,040	337	394			
2042 ANIMAL FEED-----	759	504	254				
2049 GRAIN MILL PRODUCTS, NEC-----	2,440	2,092	23	725			
2091 SUGAR-----	188,004	188,004					
2092 MOLASSES-----	14,332	9,247		5,045			
2091 ALCOHOLIC BEVERAGES-----	106,599	78,001	133	31,575			
2091 VEGETABLE OILS, MARK, SHORT-----	17,040	1,140	1	14,938			
2092 ANIMAL OILS AND FATS, NEC-----	14	14					
2095 ICE-----	154						
2099 MISCELLANEOUS FOOD PRODUCTS-----	12,912	4,364	274	8,104			
2111 TOBACCO MANUFACTURED-----	92			92			
2211 WASTE TEXTILE PRODUCTS-----	7,710	6,014	1,250				
2212 TEXTILE WASTE, NEC-----	134		134				
2311 APPAREL-----	650	431	8	213			
2414 SHIP, STAVES, WOODS-----	14	14					
2421 LUMBER-----	25,423	24,440	1,714				
2451 VESSEL, PLYWOOD, BUNKER WOOD-----	3,341	3,341					

## NEW ENGLAND DIVISION

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PORT OF BOSTON, MASS.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	LOCAL
				RECEIPTS	SHIPMENTS	RECEIPTS	
2491 WOOD MANUFACTURES, NEC-----	1,244	883	362	23			
2511 FURNITURE AND FIXTURES-----	13,709	11,613	139	1,947			
2611 PULP-----	199	23	176				
2621 STANDARD NEWSPRINT PAPER-----	61,272	60,914	42	316			
2631 PAPER AND PAPERBOARD-----	13,969	5,298	6,910	1,752			
2691 PULP AND PAPER PRODUCTS, NEC-----	2,938	1,775	1,161	2			
2711 PRINTED MATTER-----	2,755	2,193	405	157			
2811 CRUDE TAN, OIL, GAS PRODUCTS-----	2,762	2,268	18				
2812 DYES, PIGMENT, TANNING MATS-----	121		121				
2911 ALCOHOLS-----	114	73	41				
2917 BENZENE AND TOLUENE-----	18,665	17,698		1,171			
2919 BASIC CHEMICALS AND PROD, NEC-----	35,992	17,476	5,986	12,107	823		
2921 PLASTIC MATERIALS-----	10,925	8,336	2,401	180			
2922 SYNTHETIC RUBBER-----	379	25	14	340			
2923 SYNTHETIC (MAN-MADE) FIBERS-----	1,795	1,735	5	55			
2931 DRUGS-----	563	560	3				
2941 SOAP-----	1,750	1,254	468	58			
2951 PAINTS-----	7,045	5,993	212	840			
2961 GUM AND WOOD CHEMICALS-----	58	58					
2971 HYDROGENOUS CHEM FERTILIZERS-----	6	6					
2972 POTASSIC CHEM FERTILIZERS-----	40	18	22				
2976 INSECTICIDES, DISINFECTANTS-----	96	91	5				
2991 MISCELLANEOUS CHEMICAL PROD-----	1,872	1,036	814	72			
2911 GASOLINE-----	5,871,975	1,926,509		3,496,026	375,983		73,455
2912 JET FUEL-----	887,178			872,268	13,910		1,904
2913 KEROSENE-----	167,643		31	116,967	50,675		7,381
2914 DISTILLATE FUEL OIL-----	5,296,185	2,446,574		1,987,178	597,642		344,780
2915 RESIDUAL FUEL OIL-----	1,402,692	719,768		1,061,089	12,247		11,768
2916 LUBRICATING OILS AND GREASES-----	52,629	51	92	52,484			
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,967	2,077	6		888		
2918 ASPHALT, TAR, AND BITUMENS-----	190,857			190,857			
2921 LIQUEFIED GASES-----	555,481	454,668	1,413				
2991 PETROLEUM AND COAL PROD, NEC-----	99	85	14				
3011 RUBBER AND MISC PLASTIC PROD-----	7,150	4,635	602	1,023			
3111 LEATHER AND LEATHER PRODUCTS-----	10,565	9,883	1,070	4,003			
3211 GLASS AND GLASS PRODUCTS-----	6,903	5,842	329	732			
3241 BUILDING CEMENT-----	488,469	140,263		347,804			
3251 STRUCTURAL CLAY PRODUCTS-----	15,563	14,647	30	877			
3281 CUT STONE AND STONE PRODUCTS-----	3,976	3,407	88	481			
3291 MISC NONMETALLIC MINERAL PROD-----	2,535	2,017	273	245			
3314 IRON AND STEEL PRIMARY FORMS-----	7	2		5			
3315 IRON, STEEL SHAPES, EXC SHEET-----	7,661	5,463	68	2,134			
3316 IRON AND STEEL PLATES, SHEETS-----	454		454				
3317 IRON AND STEEL PIPE AND TUBE-----	1,094	1,074	27	27			
3318 FERRONALLOYS-----	84	84					
3319 IRON AND STEEL PRODUCTS, NEC-----	3,994	1,079	124	2,791			
3321 NONFERROUS METALS, NEC-----	864	629	149	90			
3322 COPPER ALLOYS, UNWORKED-----	7,074	6,657	124	296			
3323 LEAD AND ZINC, UNWORKED-----	16		16				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	3,043	1,170	64	1,805			
3411 FABRICATED METAL PRODUCTS-----	18,122	13,073	1,625	2,524			
3411 MACHINERY, EXCEPT ELECTRICAL-----	23,042	16,796	3,443	653	150		
3611 ELECTRICAL MACH AND EQUIP-----	9,727	7,346	2,150	211			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	105,331	100,743	80	489			
3721 AIRCRAFT AND PARTS-----	1	1					
3731 SHIPS AND BOATS-----	344	317	27				
3791 MISC TRANSPORTATION EQUIPMENT-----	21		21				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	5,007	814	4,092	1			
3911 MISC MANUFACTURED PRODUCTS-----	11,291	9,940	691	661			
4011 IRON AND STEEL SCRAP-----	676,663		676,663				
4012 NONFERROUS METAL SCRAP-----	5,641	1	5,640				
4022 TEXTILE WASTE, SCRAP, SHEEP-----	1,565	45	1,421	99			
4024 PAPER WASTE AND SCRAP-----	21,385	1,496	21,889				
4112 COMMODITIES, NEC-----	12,159	1,694	985	5,633	3,481		166
9999 DEPARTMENT OF DEFENSE AND SCI-----	21		21				

## MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDES FROM A POINT IN PRESIDENT ROADS BETWEEN DEER ISLAND AND LONG ISLAND TO THE MOUTH OF PT. POINT CHANNEL, CHARLES RIVER, LITTLE MYSTIC RIVER, MYSTIC RIVER, AND CHELSEA RIVER. CONTROLLING DEPTHS: 38 FEET IN 80-FOOT CHANNEL TO MYSTIC RIVER NO. 1; 33.6 FEET IN THE 35-FOOT AREA AND 34 FEET IN THE 40-FOOT EXTENSION TO PRESIDENT ROADS ANCHORAGE; 37 FEET IN THE 80-FOOT ANCHORAGE. ALL AT MEAN LOW WATER. PROJECT DEPTHS: 15 AND 30 FEET FROM PRESIDENT ROADS TO THE MOUTH OF PT. POINT CHANNELS, CHARLES RIVER, LITTLE MYSTIC RIVER, AND CHELSEA RIVER; 30 FEET IN PRESIDENT ROADS ANCHORAGE AND ANCHORAGE EXTENSIONS; 34 FEET FROM MOUTH OF RESERVED CHANNEL TO L STREET BRIDGE. ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1976-----	9,187,214	721,227	15,231,563	1981-----	5,698,953	369,637	13,297,060
1977-----	9,152,231	826,471	16,690,286	1982-----	3,627,936	193,433	12,504,497
1978-----	10,195,600	234,299	14,286,382	1983-----	3,669,725	40,420	12,000,024
1979-----	10,344,491	264,214	14,548,696	1984-----	4,786,239	394,975	13,000,311
1980-----	7,413,995	113,234	13,264,778	1985-----	4,318,501	354,678	12,000,059



## MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	
TOTAL	3,310,501	2,047,212	88,952	811,070	212,427	8,391	158,520
0105 RICE	49	49					
0119 OILSEEDS, NEC	20	5	14				
0121 TOBACCO, LEAF	31	10		21			
0129 FIELD CROPS, NEC	22	22					
0131 FRESH FRUITS	1,536	22	1,513	1			
0133 COFFEE	425	233		192			
0134 COCOA BEANS	684	684					
0141 FRESH AND FROZEN VEGETABLES	172	60	84	20			
0141 ANIMALS AND PRODUCTS, NEC	4,011	3,497	272	267			
0191 MISCELLANEOUS FARM PRODUCTS	211	158		53			
0841 CRUDE RUBBER AND ALLIED GUMS	1,324	17		307			
0841 FOREST PRODUCTS, NEC	613	13		307			
0911 FRESH FISH, EXCEPT SHELLFISH	20,967	6,747	275	5,554		8,391	
0912 SHELLFISH, EXCEPT PREPARED	2,551	714	174	1,661			
0931 MARINE SHELLS, UNMANUFACTURED	15	15					
1051 ALUMINUM ORES, CONCENTRATES	616	614	191	11			
1091 NONFERROUS ORES, CONCENT, NEC	175		175				
1121 COAL AND LIGNITE	16	16					
1311 CRUDE PETROLEUM	80,170	80,170					
1442 SAND, GRAVEL, CRUSHED ROCK	1,520	827	686	47			
1451 CLAY	399	293	106				
1491 SALT	37,325	37,305	20				
1492 SULPHUR, DRY	33		33				
1494 SYNGAS, CRUDE AND PLASTERS	11,709	11,709					
1499 NONMETALLIC MINERALS, NEC	3,415	3,074	267	134			
1911 ORDNANCE AND ACCESSORIES	17	12	4				
2011 MEAT, FRESH, CHILLED, FROZEN	465	88	21	360			
2012 MEAT AND PRODUCTS, NEC	2,010	310		1,700			
2014 TALLOW, ANIMAL FATS AND OILS	604		365	319			
2015 ANIMAL BY-PRODUCTS, NEC	4,533	189	4,424				
2021 DAIRY PRODUCTS, NEC	1,303	721		582			
2022 DRIED MILK AND CREAM	1,829	86	1,774				
2031 FISH AND SHELLFISH, PREPARED	3,737	3,276	9	452			
2034 VEGETABLES AND PREP, NEC	3,464	2,785	24	651			
2039 PREP FRUIT AND VEG JUICE, NEC	8,578	7,937	337	308			
2042 ANIMAL FEEDS	736	504	232				
2049 GRAIN MILL PRODUCTS, NEC	2,840	2,092	24	725			
2061 SUGAR	12,626	12,626					
2062 MOLASSES	14,332	9,287		5,045			
2081 ALCOHOLIC BEVERAGES	106,501	74,793	133	31,575			
2091 VEGETABLE OILS, WAG, SHORT	1,449	1,150	1	298			
2092 ANIMAL OILS AND FATS, NEC	14						
2095 ICE	150						
2099 MISCELLANEOUS FOOD PRODUCTS	12,939	4,364	267	8,308			
2111 TOBACCO MANUFACTURES	92		92				
2211 BASIC TEXTILE PRODUCTS	7,715	5,992	1,254	465			
2212 TEXTILE FIBERS, NEC	136			136			
2311 APPAREL	650	427	8	215			
2416 WOOD CHIPS, STAVES, HOLDINGS	14	14					
2421 LUMBER	25,623	24,409	1,214				
2431 VENEER, PLYWOOD, WORKED WOOD	3,381	3,381					
2491 WOOD MANUFACTURES, NEC	1,247	882	342	23			
2511 FURNITURE AND FIXTURES	13,704	11,613	139	1,957			
2611 PULP	109	23	176				
2621 STANDARD WEIGHT PAPER	61,772	60,914	42	316			
2631 PAPER AND PAPERBOARD	13,469	5,204	6,919	1,752			
2691 PULP AND PAPER PRODUCTS, NEC	2,934	1,773	1,159	2			
2711 PRINTED MATTER	2,744	2,182	605	157			
2811 CRUDE TAR, OIL, GAS PRODUCTS	1,429	1,015	14				
2812 DYES, PIGMENT, TANNING MATS	121		121				
2813 ALCOHOLS	114	73	41				
2919 BASIC CHEMICALS AND PROD, NEC	21,072	12,084	5,946	3,001			
2921 PLASTIC MATERIALS	10,004	9,315	2,401	144			
2922 SYNTHETIC RUBBER	379	25	14	340			
2923 SYNTHETIC (MAN-MADE) FIBERS	1,795	1,734	4	55			
2931 DRUGS	543	560	3				
2941 SOAP	1,790	1,254	468	64			
2951 PAINTS	7,064	5,993	212	800			
2961 GUM AND WOOD CHEMICALS	54	44					
2971 NITROGENOUS CHEM FERTILIZERS	6	6					
2972 POTASSIC CHEM FERTILIZERS	48	14	22				
2973 INSECTICIDES, DISINFECTANTS	96	91	5				
2991 MISCELLANEOUS CHEMICAL PROD	1,072	1,034	414	22			
2991 GASOLINE	322,017	277,800		7,393	27,871		8,391
2992 JET FUEL	60,140						
2993 KEROSENE	6,283		31		2,342		3,914
2994 DISTILLATE FUEL OIL	1,946,026	874,004		351,407	173,001		133,794
2995 RESIDUAL FUEL OIL	519,939	209,444		291,334	4,660		11,764
2996 LUBRICATING OILS AND GREASES	143	91	92				
2997 NAPHTHA, PETROLEUM SOLVENTS	6		6				
2998 LIQUEFIED GASES	1,661	284	1,413				
2999 PETROLEUM AND COAL PROD, NEC	99	85	14				
3011 RUBBER AND MIS PLASTIC PROD	7,134	4,610	692	1,823			
3111 LEATHER AND LEATHER PRODUCTS	14,511	8,820	1,070	4,003			
3211 GLASS AND GLASS PRODUCTS	4,491	5,430	320	732			
3401 BUILDING CEMENT	18	17		1			
3451 STRUCTURAL CLAY PRODUCTS	15,539	14,423	10	877			
3481 CUT STONE AND STONE PRODUCTS	3,976	3,407	44	481			
3501 MISCELLANEOUS MINERAL PROD	2,476	1,954	273	265			
3310 IRON AND STEEL PRIMARY FORMS	7						
3315 IRON, STEEL SHAPES, EXC SHEET	7,661	5,463	64	2,134			
3316 IRON AND STEEL PLATES, SHEET	450		450				

# NEW ENGLAND DIVISION

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MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	SHIPMENTS	INTERNAL RECEIPTS	
3317 IRON AND STEEL PIPE AND TUBE-----	1,008	1,074	2	22			
3318 FERROALLOYS-----	84	86					
3319 IRON AND STEEL PRODUCTS, NEC-----	3,994	1,070	124	2,791			
3321 NONFERROUS METALS, NEC-----	868	620	149	90			
3322 COPPER ALLOYS, UNWORKED-----	7,076	6,657	123	296			
3323 LEAD AND ZINC, UNWORKED-----	16		16				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	3,043	1,170	68	1,805			
3411 FABRICATED METAL PRODUCTS-----	18,070	13,021	1,625	2,524			
3511 MACHINERY, EXCEPT ELECTRICAL-----	22,770	18,727	3,308	633			
3611 ELECTRICAL MACH AND EQUIP-----	9,651	7,291	2,149	211			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	105,320	104,750	80	490			
3721 AIRCRAFT AND PARTS-----	1	1					
3731 SHIPS AND BOATS-----	331	304	27				
3791 MISC TRANSPORTATION EQUIPMENT-----	21		21				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	5,001		4,002	1			
3911 MISC MANUFACTURED PRODUCTS-----	11,254	9,003	491	660			
4011 IRON AND STEEL SCRAP-----	653		653				
4012 NONFERROUS METAL SCRAP-----	5,681	1	5,680				
4022 TEXTILE WASTE, SCRAP, SHEEP-----	1,554	34	1,421	99			
4024 PAPER WASTE AND SCRAP-----	23,305	1,496	21,009				
4112 COMMODITIES, NEC-----	12,126	1,067	979	5,633	3,401		166
9999 DEPARTMENT OF DEFENSE AND SCI-----	21		21				
TOTAL TON-MILES, 82,221,454.							

CHELSEA RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH TO ABOUT 2.6 MILES UPSTREAM. CONTROLLING DEPTH: FROM MCARDLE BRIDGE TO CHELSEA ST. BRIDGE 33.0 FEET; FROM CHELSEA ST. BRIDGE TO TURNING BASIN 32 FEET. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER FROM THE MOUTH OF THE RIVER TO A POINT OPPOSITE THE MARTEL OIL COMPANY TERMINAL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	7,846,705	1981-----	7,513,060
1977-----	7,335,910	1982-----	7,036,006
1978-----	7,635,786	1983-----	7,013,352
1979-----	7,845,531	1984-----	6,536,376
1980-----	7,203,602	1985-----	9,219,010

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN IMPORTS	DOMESTIC		LOCAL
			COASTWISE RECEIPTS	SHIPMENTS	
TOTAL-----	9,219,014	3,275,568	4,899,500	793,040	340,902
0161 ANIMALS AND PRODUCTS, NEC-----	16	16			
0911 FRESH FISH, EXCEPT SHELLFISH-----	33	33			
0912 SHELLFISH, EXCEPT PREPARED-----	22	22			
1051 ALUMINUM PRES. CONCENTRATES-----	60	40			
1401 SALT-----	11,400	11,400			
1404 GYPSUM, CRUDE AND PLASTERS-----	170,050	170,050			
1409 NONMETALLIC MINERALS, NEC-----	65	65			
2011 MEAT, FRESH, CHILLED, FROZEN-----	21	21			
2030 PREP FRUIT AND VEG JUICE, NEC-----	43	43			
2061 SUGAR-----	172,202	172,202			
2091 ALCOHOLIC BEVERAGES-----	75	75			
2211 BASIC TEXTILE PRODUCTS-----	24	24			
2911 GASOLINE-----	4,326,750	1,329,050	2,650,052	240,570	60,054
2912 JET FUEL-----	570,001		567,000	5,997	1,994
2913 KEROSENE-----	143,000		99,422	306,470	7,431
2914 DISTILLATE FUEL OIL-----	3,027,673	1,359,499	1,032,743	306,470	250,021
2915 LUBRICATING OILS AND PREPARED-----	710,352	271,054	500,903	6,697	11,700
3111 LEATHER AND LEATHER PRODUCTS-----	40,500		40,500		
3241 BUILDING CEMENT-----	23	23			
3241 BUILDING CEMENT-----	11,201	11,201			
3291 STRUCTURAL CLAY PRODUCTS-----	20	20			
3291 MISC NONMETALLIC MINERAL PROD-----	3	3			
3411 FABRICATED METAL PRODUCTS-----	32	32			
3511 MACHINERY, EXCEPT ELECTRICAL-----	174	26		190	
3611 ELECTRICAL MACH AND EQUIP-----	13	13			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2	2			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	3	3			
3911 MISC MANUFACTURED PRODUCTS-----	21	21			
4022 TEXTILE WASTE, SCRAP, SHEEP-----	11	11			
4112 COMMODITIES, NEC-----	3	3			
TOTAL TON-MILES, 24,340,290.					

## Waterborne Commerce of the United States, 1985

## MYSTIC RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH OF RIVER TO CRADOCK BRIDGE, MEDFORD, MASS. CONTROLLING DEPTH: FROM MYSTIC BRIDGE TO ESSO DOCK 35 FEET; FROM ESSO DOCK TO AMERICAN SUGAR REFINERY DOCK 38 FEET; FROM AMERICAN SUGAR REFINERY DOCK TO UPSTREAM LIMIT OF 35 FT. CHANNEL, 27 FEET; 13 FEET IN 20-FOOT CHANNEL; 6 FEET IN 6-FOOT CHANNEL; 4 FEET IN 4 FOOT CHANNEL BUT NARROWED IN WIDTH. PROJECT DEPTH: CHANNEL 35 FEET DEEP EXTENDING FROM THE UPPER LIMIT IN 35-FOOT CHANNEL OF BOSTON HARBOR TO 100 FEET DOWNSTREAM OF WALDEN BRIDGE BRANCH CHANNELS RANGE FROM 4 TO 20 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1976	8,138,842	248	43,792	1981	6,325,473		
1977	8,052,289		67,200	1982	4,967,335		
1978	7,258,365		94,540	1983	4,838,450		
1979	7,478,569		70,825	1984	5,833,065		
1980	6,809,595		60,000	1985	3,978,579		

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	3,978,579	1,154,619	676,213	1,989,132	88,256	70,359
0911 FRESH FISH, EXCEPT SHELLFISH	41,135	41,022	113			
0912 SHELLFISH, EXCEPT PREPARED	983	983				
1402 SAND, GRAVEL, CRUSHED ROCK	9,921	9,921				
2031 FISH AND SHELLFISH, PREPARED	1,007	997	10			
2042 ANIMAL FEEDS	23		23			
2081 ALCOHOLIC BEVERAGES	23	23				
2099 MISCELLANEOUS FOOD PRODUCTS	3		3			
2311 APPAREL	4	4				
2691 FOOD MANUFACTURES, NEC	1	1				
2691 PULP AND PAPER PRODUCTS, NEC	4	2	2			
2711 PRINTED MATTER	11	11				
2811 CRUDE TAR, OIL, GAS PRODUCTS	453	453				
2817 BENZENE AND TOLUENE	14,669	17,498		1,171		
2819 BASIC CHEMICALS AND PROD, NEC	9,729			8,306	423	
2821 PLASTIC MATERIALS	21	21				
2911 GASOLINE	619,479	7,231		571,687	37,842	7,748
2912 JET FUEL	242,375			233,458	7,013	1,904
2913 KEROSENE	17,193			12,588	4,625	
2914 DISTILLATE FUEL OIL	633,044	104,284		425,108	37,889	64,231
2915 RESIDUAL FUEL OIL	472,814	286,059		186,275		480
2916 LUBRICATING OILS AND GREASES	11,942			11,942		
2917 ASPHALT, PETROLEUM SOLVENTS	2,941	2,077			864	
2918 ASPHALT, TAR, AND BITUMENS	196,857			196,857		
2921 LIQUEFIED GASES	553,420	553,820				
3011 RUBBER AND MISC PLASTIC PROD	15	15				
3111 LEATHER AND LEATHER PRODUCTS	26	26				
3211 GLASS AND GLASS PRODUCTS	12	12				
3241 BUILDING CEMENT	476,770	128,965		347,805		
3291 MISC NONMETALLIC MINERAL PROD	56	56				
3411 FABRICATED METAL PRODUCTS	9	9				
3511 MACHINERY, EXCEPT ELECTRICAL	48	43	45			
3611 ELECTRICAL MACH AND EQUIP	54	57	1			
3711 MOTOR VEHICLES, PARTS, EQUIP	1	1				
3731 SHIPS AND BOATS	13	13				
3811 INSTR, TIME, PHOTO, OPT GOODS	3	3				
3911 MISC MANUFACTURED PRODUCTS	16	16				
4011 IRON AND STEEL SCRAP	476,010		676,010			
4112 COMMODITIES, NEC	30	24	6			
TOTAL TON-MILES	4,045,233					

## NEWMOUTH FINE RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH TO HEAD OF NAVIGATION. CONTROLLING DEPTH: 35 FEET IN THE 35-FOOT CHANNEL EXCEPT 30 FEET AT SIPHON OPPOSITE KING COVE. PROJECT DEPTH: 35 FEET FROM DEEP WATER IN BOSTON HARBOR VIA NANTUCKET GUT AND WINGHAM BAY TO A POINT ABOUT 2,500 FEET ABOVE FINE RIVER BRIDGE; 27 FEET IN CHANNEL BETWEEN MIT AND REDDOCKS ISLANDS.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1976	1,202,391	104,250	598,119	1981	1,146,068	68,573	367,366
1977	1,741,508	158,276	482,357	1982	1,007,783	533	303,752
1978	1,414,530	7,504	450,182	1983	1,158,613		572,711
1979	1,191,849	2,711	335,237	1984	1,296,888	45,269	621,484
1980	1,094,736	386	529,007	1985	1,008,009	87,278	118,009

# NEW ENGLAND DIVISION

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WYKOUTH FINE RIVER, MASS. (INCLUDED IN PORT OF BOSTON)--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

		[SHORTH TONS]			
COMMODITY	TOTAL	FOREIGN IMPORTS	DOMESTIC		LOCAL
			COASTWISE		
			RECEIPTS	SHIPMENTS	
TOTAL	1,008,905	378,141	596,658	83,310	100,000
1491 SALT	669	669			
1499 NONMETALLIC MINERALS, NEC	241	241			
2091 VEGETABLE OILS, WARE, SHORT	15,640		15,640		
2091 BASIC CHEMICALS AND PROD, NEC	5,301	5,301			
2911 GASOLINE	671,874	312,820	250,139	41,078	60,000
2912 JET FUEL	7,666		7,666		
2913 KEROSENE	4,977		4,977		
2914 DISTILLATE FUEL OIL	254,651	55,775	60,473	2,252	156,171
2915 RESIDUAL FUEL OIL	47,750		47,750		
3011 RUBBER AND MISC PLASTIC PROD	1	1			
3111 LEATHER AND LEATHER PRODUCTS	5	5			
3251 STRUCTURAL CLAY PRODUCTS	4	4			
3411 FABRICATED METAL PRODUCTS	11	11			
3611 ELECTRICAL MACH AND EQUIP	5	5			
TOTAL TON-MILES	8,852,363				

CAPE COD CANAL, MASS.

SECTION INCLUDED: ENTIRE LENGTH 17.5 MILES; EXTENDING FROM THE OUTER END OF THE NORTHERLY BREAKWATER IN CAPE COD BAY TO A POINT IN AUZZARDS BAY ABOUT 5 MILES SOUTHWEST OF WINGS NECK LIGHT. CONTROLLING DEPTH: 32 FEET IN THE LAND CUT; 32 FEET IN HOB ISLAND CHANNEL; 32 FEET IN CLEVELAND LEDGE CHANNEL, BRANCH CHANNEL 15 FEET. EAST BOAT BASIN: 8 FEET IN THE 6 FOOT SECTION, 12 FEET IN THE 13 FOOT SECTION. PROJECT CHANNEL DEPTH: 32 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	13,016,499	7,868	1981	12,435,740	10,637
1977	11,281,127	6,711	1982	15,244,621	
1978	12,226,618	1,435	1983	16,832,721	
1979	11,247,610	497	1984	16,631,703	60,328
1980	13,459,452	10,608	1985	14,539,825	20,774

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL	14,539,825	520,766	2,087,585	10,504,516	1,426,958
0121 TOBACCO, LEAF	21			21	
0131 FRESH FRUITS	1			1	
0133 COFFEE	192			192	
0141 FRESH AND FROZEN VEGETABLES	20			20	
0161 ANIMALS AND PRODUCTS, NEC	242			242	
0191 MISCELLANEOUS FARM PRODUCTS	53			53	
0811 FOREST PRODUCTS, NEC	347			347	
0911 FRESH FISH, EXCEPT SHELLFISH	11,837	1,143	5,940	5,554	1,280
0912 SHELLFISH, EXCEPT PREPARED	1,661			1,661	
1011 IRON ORE AND CONCENTRATES	16,120	11,520		8,600	
1051 ALUMINUM ORES, CONCENTRATES	11			11	
1121 COAL AND LIGNITE	139,030			139,030	
1442 SAND, GRAVEL, CRUSHED ROCK	47			47	
1491 SALT	36,104		17,193		18,911
1494 GYPSUM, CRUDE AND PLASTERS	201,171		182,611		18,560
1499 NONMETALLIC MINERALS, NEC	134			134	
2011 MEAT, FRESH, CHILLED, FROZEN	360			360	
2012 MEAT AND PRODUCTS, NEC	1,700			1,700	
2014 TALLOW, ANIMAL FATS AND OILS	319			319	
2021 DAIRY PRODUCTS, NEC	582			582	
2031 FISH AND SHELLFISH, PREPARED	6,103	5,404	4,207	452	
2034 VEGETABLES AND PREP, NEC	651			651	
2034 PREP FRUIT AND VEG JUICE, NEC	304			304	
2049 GRAIN MILL PRODUCTS, NEC	725			725	
2061 SUGAR	12,400		500	12,400	
2062 MOLASSES	5,220			5,220	
2091 ALCOHOLIC BEVERAGES	31,575			31,575	
2091 VEGETABLE OILS, WARE, SHORT	18,062			18,062	
2099 MISCELLANEOUS FOOD PRODUCTS	8,308			8,308	
2111 TOBACCO MANUFACTURES	92			92	
2211 BASIC TEXTILE PRODUCTS	465			465	
2212 TEXTILE FIBERS, NEC	136			136	
2311 APPAREL	215			215	
2414 TIMBER, POLES, PILES, PILING	500			500	
2421 LUMBER	20,706	17,196	5,000		
2491 WOOD MANUFACTURES, NEC	23			23	
2511 FURNITURE AND FIXTURES	1,957			1,957	
2621 STANDARD NEWSPRINT PAPER	316			316	
2631 PAPER AND PAPERBOARD	24,712		6,204	1,752	10,070
2691 PULP AND PAPER PRODUCTS, NEC	2			2	
2711 PRINTED MATTER	197			197	
2810 SODIUM HYDROXIDE	7,222	7,222			
2817 BENZENE AND TOLUENE	1,171			1,171	

## NEW ENGLAND DIVISION

CAPE COD CANAL, MASS.--CONTINUED

FREIGHT TRAFFIC, 1983--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
2619 BASIC CHEMICALS AND PROD, NEC-----	26,980	14,450		12,107	423
2621 PLASTIC MATERIALS-----	180			180	
2622 SYNTHETIC RUBBER-----	340			340	
2623 SYNTHETIC (MAN-MADE) FIBERS-----	55			55	
2641 SOAP-----	58			58	
2551 PAINTS-----	640			640	
2691 MISCELLANEOUS CHEMICAL PROD-----	23,256	4,097	19,137	22	
2911 GASOLINE-----	5,314,466	61,923	29,520	4,853,214	369,880
2912 JET FUEL-----	824,418			818,042	6,376
2913 KEROSENE-----	195,215			195,660	9,555
2914 DISTILLATE FUEL OIL-----	2,928,930	18,681	43,234	1,513,223	355,742
2915 RESIDUAL FUEL OIL-----	2,697,790	60,220	1,135,695	1,292,510	209,365
2916 LUBRICATING OILS AND GREASES-----	40,980			40,544	436
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,248			1,560	688
2918 ASPHALT, TAR, AND BITUMENS-----	422,867	24,220	2,340	367,205	6,002
2991 PETROLEUM AND COAL PROD, NEC-----	666,537	18,371	7,277	524,931	117,950
3011 RUBBER AND MISC PLASTIC PROD-----	1,823			1,823	
3111 LEATHER AND LEATHER PRODUCTS-----	4,003			4,003	
3211 GLASS AND GLASS PRODUCTS-----	732			732	
3241 BUILDING CEMENT-----	307,606			371,006	16,600
3251 STRUCTURAL CLAY PRODUCTS-----	877			877	
3281 CUT STONE AND STONE PRODUCTS-----	481			481	
3291 MISC NONMETALLIC MINERAL PROD-----	245			245	
3314 IRON AND STEEL PRIMARY FORMS-----	5			5	
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,134			2,134	
3317 IRON AND STEEL PIPE AND TUBE-----	22			22	
3319 IRON AND STEEL PRODUCTS, NEC-----	4,700			4,400	300
3321 NONFERROUS METALS, NEC-----	90				
3322 COPPER ALLOYS, UNWORKED-----	296			296	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,805			1,805	
3411 FABRICATED METAL PRODUCTS-----	5,236		2,412	2,824	
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,470			653	817
3611 ELECTRICAL MACH AND EQUIP-----	211			211	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	64,649	24,470	39,639	590	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1			1	
3911 MISC MANUFACTURED PRODUCTS-----	660			660	
4011 IRON AND STEEL SCRAP-----	66,467	37,562	22,000		6,900
4022 TEXTILE WASTE, SCRAP, SHEEP-----	90			90	
4112 COMMODITIES, NEC-----	1,143,347	124,704	514,566	247,648	252,429
4113 LCL FREIGHT-----	5,633			5,633	
4119 EMPTY CONTAINERS-----	45,988	6,005	11,951	8,754	19,374
TOTAL TON-MILES: 261,000,296.					

## NEW BEDFORD AND FAIRHAVEN HARBOR, MASS.

SECTION INCLUDED: NEW BEDFORD HARBOR NORTH OF PALMER ISLAND LIGHT AND ACUSHNET RIVER TO COGGESHALL STREET BRIDGE. CONTROLLING DEPTH: 28.0 FEET IN ENTRANCE CHANNEL TO NEW BEDFORD FAIRHAVEN BRIDGE. BRANCH CHANNELS RANGE FROM 9 TO 25 FEET. PROJECT DEPTH: 30 FEET IN ENTRANCE CHANNEL, MANEUVERING AREA NORTHEAST OF PALMER ISLAND AND TURNING BASIN ABOVE FISH ISLAND. BRANCH CHANNELS RANGE FROM 10 TO 25 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	209,151	12,920	1981-----	243,611	18,945
1977-----	254,068	13,196	1982-----	214,170	11,629
1978-----	226,194	11,897	1983-----	264,264	11,640
1979-----	196,295	10,790	1984-----	264,089	12,521
1980-----	226,516	36,860	1985-----	351,449	12,100

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	351,449	50,807	1,616	189,524	18,158	39,510	18
0103 CORN-----	10	10					
0121 TOBACCO, LEAF-----	96	96					
0129 FIELD CROPS, NEC-----	6	6					
0131 FRESH FRUITS-----	29,834	29,834					
0133 COFFEE-----	1	1					
0141 FRESH AND FROZEN VEGETABLES-----	623	623					
0161 ANIMALS AND PRODUCTS, NEC-----	1,111	833	278				
0801 FOREST PRODUCTS, NEC-----	86	86					
0911 FRESH FISH, EXCEPT SHELLFISH-----	47,674	8,946	100		39,502		
0912 SHELLFISH, EXCEPT PREPARED-----	453	149	304				
2012 MEAT AND PRODUCTS, NEC-----	310		310				
2014 TALLOW, ANIMAL FATS AND OILS-----	35		35				
2021 DAIRY PRODUCTS, NEC-----	326	317	9				
2022 DRIED MILK AND CREAM-----	1	1					
2031 FISH AND SHELLFISH, PREPARED-----	389	382	7				
2034 VEGETABLES AND PREP, NEC-----	159	159					
2039 PREP FRUIT AND VEG JUICE, NEC-----	5,308	5,308					
2042 ANIMAL FEEDS-----	435		435				

## NEW ENGLAND DIVISION

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NEW BEDFORD AND FAIRHAVEN HARBOR, MASS.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2000 GRAIN MILL PRODUCTS, NEC-----	61	61	-----	-----	-----	-----	-----	-----
2001 ALCOHOLIC BEVERAGES-----	533	533	-----	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	25	25	-----	-----	-----	-----	-----	-----
2095 ICE-----	16	16	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	687	687	-----	-----	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	5	5	-----	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	78	77	1	-----	-----	-----	-----	-----
2311 APPAREL-----	1	1	-----	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	84	-----	-----	14	40	12	19	-----
2491 WOOD MANUFACTURES, NEC-----	10	10	-----	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	7	7	-----	-----	-----	-----	-----	-----
2611 PULP-----	41	20	21	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	63	57	6	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	220	118	102	-----	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	30	1	29	-----	-----	-----	-----	-----
2831 DRUGS-----	1	-----	1	-----	-----	-----	-----	-----
2841 SOAP-----	16	12	4	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	51	-----	51	-----	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	146,008	-----	-----	98,376	926	-----	-----	47,412
2915 RESIDUAL FUEL OIL-----	113,942	10,175	-----	91,087	12,680	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	15	13	2	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	194	194	-----	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1	1	-----	-----	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	18	18	-----	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	6	6	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	285	285	-----	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	56	56	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	44	44	-----	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	348	348	-----	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	21	11	10	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	62	60	2	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	50	15	35	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1	-----	1	-----	-----	-----	-----	-----
3811 INSTR, TYPE, PHOTO, OPT GOODS-----	8	-----	8	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	78	78	-----	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	16	-----	16	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	610	5	60	53	512	-----	-----	-----

FALL RIVER HARBOR, MASS.

SECTION INCLUDED: FROM THE N. Y. N. H. & N. R. R. BRIDGE BETWEEN AQUIDNECK ISLAND AND TIVERTON IN A NORTHERLY DIRECTION TO TRESTLE PIER LIGHT IN THE TAUNTON RIVER. CONTROLLING DEPTH: 33 FEET WITH SHOALING ON LIMITS IN THE 35-FOOT CHANNEL, 400 FEET WIDE THROUGH MOUNT HOPE BAY TO THE BRAGA BRIDGE; THENCE 30 FEET IN THE 35-FOOT CHANNEL TO THE WHARVES ABOVE THE BRIDGE; 20 FEET IN THE WEST HALF OF THE 35-FOOT TURNING BASIN; DREDGING IN PROGRESS. PROJECT DEPTH: 40 FEET IN CHANNEL AND TURNING BASIN; 60 FEET ON LOWER END OF MCG ISLAND SHOAL.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	4,739,073		1981-----	3,635,123	
1977-----	5,285,873		1982-----	2,927,822	
1978-----	4,820,427	60	1983-----	3,234,939	
1979-----	4,798,674		1984-----	4,981,823	
1980-----	4,894,481		1985-----	4,198,368	

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN IMPORTS	DOMESTIC			
			COASTWISE		INTERNAL	
			RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	4,198,368	354,008	3,579,061	36,874	171,327	68,089
0801 CRUDE RUBBER AND ALLIED GUMS-----	13,866	13,866				
0911 FRESH FISH, EXCEPT SHELLFISH-----	103				103	
0912 SHELLFISH, EXCEPT PREPARED-----	1,638				1,638	
1121 COAL AND LIGNITE-----	2,278,882	42,689	2,235,793			
2010 SODIUM HYDROXIDE-----	1,424		1,424			
2013 ALCOHOLS-----	9,512	2,065	7,447			
2018 SULPHURIC ACID-----	3,600		3,600			
2819 BASIC CHEMICALS AND PROD, NEC-----	15,296	15,296				
2911 GASOLINE-----	983,736		885,313	2,436	6,460	9,827
2912 JET FUEL-----	20,853		20,853			
2913 KEROSENE-----	30,000		15,680	9,297		14,065
2914 DISTILLATE FUEL OIL-----	469,054	78,427	179,702	26,651	156,414	17,660
2915 RESIDUAL FUEL OIL-----	378,092	109,030	159,094		6,712	23,259
2916 LUBRICATING OILS AND GREASES-----	9,051		9,051			
2917 NAPHTHA, PETROLEUM SOLVENTS-----	52,236		52,236			
4112 COMMODITIES, NEC-----	725	725				
TOTAL TON-MILES, 34,400,902,						

## PROVIDENCE RIVER AND HARBOR, R. I.

SECTION INCLUDED: THE UPPER PART OF THE HARBOR FROM POPHAM ROCKS LIGHT TO RED BRIDGE ACROSS BEECONK RIVER ON THE NORTHEAST AND TO CRANFORD STREET BRIDGE ON THE NORTH. CONTROLLING DEPTH: 40 FEET IN THE 40-FOOT CHANNEL FROM ABREAST NORTH POINT TO SAGIN POINT LIGHT; THENCE 38 FEET FROM SAGIN POINT TO HEAD OF HARBOR. PROJECT DEPTH: AT MEAN LOW WATER, 40 FEET TO FOX POINT.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC	
			THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS				THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS
1976-----	8,578,297	16,086	49,037	264	1981-----	7,043,882	31,262	-----	222
1977-----	9,624,315	27,324	18,160	296	1982-----	6,562,453	34,803	-----	229
1978-----	8,459,495	24,660	-----	240	1983-----	5,675,164	24,760	19,366	268
1979-----	8,579,917	29,644	-----	93	1984-----	6,167,536	-----	-----	-----
1980-----	7,509,253	31,304	-----	216	1985-----	6,741,834	21,414	-----	-----

## FREIGHT TRAFFIC, 1985

## (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	6,741,834	1,350,311	240,765	4,578,508	140,553	78,502	152,148	201,077
0131 FRESH FRUITS-----	686	686	-----	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	269	269	-----	-----	-----	-----	-----	-----
0801 CRUDE RUBBER AND ALLIED GUMS-----	8,343	8,343	-----	-----	-----	-----	-----	-----
1091 SALT-----	8,505	8,505	-----	-----	-----	-----	-----	-----
2001 ALCOHOLIC BEVERAGES-----	34	34	-----	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	551	551	-----	-----	-----	-----	-----	-----
2421 LUMBER-----	62,764	62,764	-----	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	925	925	-----	-----	-----	-----	-----	-----
2610 SODIUM HYDROXIDE-----	9,761	-----	-----	9,761	-----	-----	-----	-----
2810 BASIC CHEMICALS AND PROD, NEC-----	33,433	33,433	-----	-----	-----	-----	-----	-----
2911 GASOLINE-----	2,761,000	275,868	-----	2,427,513	37,965	9,027	6,460	5,189
2912 JET FUEL-----	26,640	-----	-----	21,514	7,175	-----	-----	-----
2913 KEROSENE-----	57,930	-----	-----	43,865	-----	14,065	-----	-----
2914 DISTILLATE FUEL OIL-----	2,064,014	520,407	-----	1,117,594	78,431	24,044	136,331	190,367
2915 RESIDUAL FUEL OIL-----	446,748	63,053	-----	369,553	15,098	23,256	9,357	5,581
2916 LUBRICATING OILS AND GREASES-----	14,012	-----	-----	14,012	-----	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	44,640	-----	-----	44,640	-----	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	284,264	56,207	-----	728,061	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	20,937	20,937	-----	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	107	107	-----	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	361,206	59,131	-----	302,074	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	748	758	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, ETC SHEET-----	127,436	127,436	-----	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	3,962	3,962	-----	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	5,854	5,854	-----	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	1	1	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	345	345	-----	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	1,417	1,417	-----	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	864	864	-----	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	105,740	105,740	3	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	26	21	5	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	22	22	-----	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1	1	-----	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	240,757	-----	240,757	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	731	247	-----	-----	888	-----	-----	-----
TOTAL TON-MILES-----	59,328,930	-----	-----	-----	-----	-----	-----	-----

## NEW LONDON HARBOR, CONN.

SECTION INCLUDED: THE UPPER 2.2 MILES OF THE HARBOR, INCLUDING SHAWNS COVE AND NINTHPOP COVE AND ENDING AT A POINT ABOUT 400 FEET ABOVE THE RAILROAD BRIDGE. CONTROLLING DEPTH: 31.0 FEET IN LEFT QUARTER, 30.0 FEET IN MIDDLE HALF AND 29.0 FEET IN RIGHT QUARTER OF THE ENTRANCE CHANNEL FROM LONG ISLAND SOUND TO 600 SEAWARD OF HIGHWAY BRIDGE; 20.0 FEET IN WATERFRONT CHANNEL. BRANCH CHANNELS RANGE FROM 13 TO 20 FEET. PROJECT DEPTH: 60 FEET IN MAIN CHANNEL, 25 FEET IN CHANNEL ALONG NEW LONDON WATERFRONT, BRANCH CHANNELS RANGE FROM 15 TO 23 FEET. ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC	
			THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS				THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS
1976-----	3,342,230	319,405	427,694	89,556	1981-----	1,782,204	188,718	418,514	35,765
1977-----	2,649,757	339,032	428,833	95,629	1982-----	689,096	351,947	550,216	138,064
1978-----	2,839,429	331,330	370,305	97,665	1983-----	612,703	208,537	495,072	61,785
1979-----	3,157,785	229,915	326,207	66,550	1984-----	698,060	303,607	544,356	109,515
1980-----	2,529,841	267,226	517,171	60,844	1985-----	506,283	372,615	521,742	103,981

# NEW ENGLAND DIVISION

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NEW LONDON HARBOR, CONN.--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	506,283	224,585	316	265,225	9,057	7,180
0132 BANANAS AND PLANTAINS-----	2,475	2,475				
2031 FISH AND SHELLFISH, PREPARED-----	43	43				
2039 PREP FRUIT AND VEG JUICE, NEC-----	180	180				
2042 ANIMAL FEEDS-----	7,000				7,000	
2062 MOLASSES-----	104,886	104,886				
2211 BASIC TEXTILE PRODUCTS-----	3	3				
2311 APPAREL-----	31	31				
2421 LUMBER-----	3,232	3,232				
2431 VENEER, PLYWOOD, WORKED WOOD-----	4,596	4,596				
2491 WOOD MANUFACTURES, NEC-----	75	75				
2611 PULP-----	39,934	39,934				
2621 STANDARD NEWSPRINT PAPER-----	3,251	3,251				
2631 PAPER AND PAPERBOARD-----	40	40				
2810 SODIUM HYDROXIDE-----	7,232			7,232		
2818 SULPHURIC ACID-----	34,600			27,500		7,100
2819 BASIC CHEMICALS AND PROD, NEC-----	25,723	25,723				
2913 XEROSENE-----	1,095			1,095		
2914 DISTILLATE FUEL OIL-----	123,880			123,880		
2915 RESIDUAL FUEL OIL-----	105,222			105,222		
3011 RUBBER AND MISC PLASTIC PROD-----	1	1				
3111 LEATHER AND LEATHER PRODUCTS-----	23	23				
3315 IRON, STEEL SHAPES, EXC SHEET-----	622	622				
3317 IRON AND STEEL PIPE AND TUBE-----	1,939	1,939				
3322 COPPER ALLOYS, UNWORKED-----	32,546	32,546				
3323 LEAD AND ZINC, UNWORKED-----	4,898	4,898				
3411 FABRICATED METAL PRODUCTS-----	15	15				
3511 MACHINERY, EXCEPT ELECTRICAL-----	661	23	316	192	130	
3611 ELECTRICAL MACH AND EQUIP-----	18	18				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	13	13				
3731 SHIPS AND BOATS-----	10	10				
3911 MISC MANUFACTURED PRODUCTS-----	8	8				
4112 COMMODITIES, NEC-----	2,031			106	1,927	
TOTAL TON-MILES-----	3,342,392					

THAMES RIVER, CONN.

SECTION INCLUDED: FROM A POINT 1,000 FEET ABOVE THE RAILROAD BRIDGE AT NEW LONDON TO NORWICH, CONN. CONTROLLING DEPTH: GENERALLY 25.0 FEET IN 25 FOOT CHANNEL TO ALLYN POINT; THENCE 22 FEET TO 1,500 FEET ABOVE POQUETANUCK CREEK; THEN 25 FEET UPSTREAM TO NORWICH DIKE; THENCE 11 FEET TO UPSTREAM LIMIT OF PROJECT. CHANNEL WIDENING TO 20 FEET DEPTH OPPOSITE U. S. SUBMARINE BASE. PROJECT DEPTH: 25 FEET TO NORWICH.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	634,514	55,426	1981-----	546,907	
1977-----	654,827	56,556	1982-----	623,837	
1978-----	668,149	48,552	1983-----	547,982	154
1979-----	610,184		1984-----	549,891	
1980-----	740,562		1985-----	521,742	

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL-----	521,742	516,981	4,761
2819 BASIC CHEMICALS AND PROD, NEC-----	8,402	8,402	
2913 XEROSENE-----	1,280	1,280	
2914 DISTILLATE FUEL OIL-----	88,362	83,601	4,761
2915 RESIDUAL FUEL OIL-----	423,526	423,526	
3411 FABRICATED METAL PRODUCTS-----	92	92	
TOTAL TON-MILES-----	2,612,219		



## Hartford Commerce of the United States, 1985

## CONNECTICUT RIVER BELOW HARTFORD, CONN.

SECTION INCLUDED: SAYBROOK TO HARTFORD, CONN., 52 MILES. CONTROLLING DEPTH: GENERALLY 14.0 FEET TO HARTFORD, CONN., AT MEAN LOW WATER, 8 FEET IN ENTRANCE CHANNEL TO NORTH COVE; 8.0 FEET IN ANCHORAGE IN NORTH COVE; 4.3 TO 8 FEET IN CHANNEL AND BASIN IN EIGHT-MILE RIVER; 1 TO 6 FEET IN ANCHORAGE AT HAMBURG. PROJECT DEPTH: 15 FEET AT MEAN LOW WATER, SAYBROOK TO HARTFORD. NAVIGATION SEASON: USUALLY MARCH 15 TO DECEMBER 15.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1976-----	2,229,683	510,281	152,460	1981-----	1,861,032	359,569	107,556
1977-----	2,171,256	295,476	96,128	1982-----	1,895,637	186,840	91,029
1978-----	1,950,590	290,124	114,196	1983-----	1,823,701	173,066	82,561
1979-----	1,414,353	270,962	118,708	1984-----	1,749,203	265,557	76,756
1980-----	1,772,954	329,235	103,234	1985-----	1,663,253	345,182	107,605

## FREIGHT TRAFFIC, 1985

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL-----	1,663,253	1,659,164	4,089
2911 GASOLINE-----	516,698	516,698	-----
2912 JET FUEL-----	14,952	14,952	-----
2913 KEROSENE-----	19,501	19,074	427
2914 DISTILLATE FUEL OIL-----	261,097	260,072	1,025
2915 RESIDUAL FUEL OIL-----	782,954	780,317	2,637
2918 ASPHALT, TAR, AND BITUMENS-----	64,051	68,051	-----
TOTAL TON-MILES, 61,382,364.			

## NEW HAVEN HARBOR, CONN.

SECTION INCLUDED: MAIN HARBOR CHANNEL: FROM DEEP WATER IN LONG ISLAND SOUND TO THE HEAD OF THE MAIN HARBOR NEAR I-95 BRIDGE. THE JUPPER 1.5 MILES OF THE HARBOR, QUINNIPIAC RIVER: FROM TOLMISON BRIDGE TO GRAND AVENUE BRIDGE 1.25 MILES. WEST RIVER: FROM THE MOUTH TO A POINT ABOUT 500 FEET ABOVE THE UPSTREAM SIDE OF THE KIMBERLY AVENUE BRIDGE ABOUT 1 MILE. MILL RIVER: FROM THE MOUTH TO GRAND AVENUE BRIDGE ABOUT 1,600 FEET. CONTROLLING DEPTH, MAIN CHANNEL: 35 FEET IN LEFT OUTSIDE QUARTER, 35 FEET IN CENTER, 35 FEET IN RIGHT OUTSIDE QUARTER, 14 FEET IN THE QUINNIPIAC RIVER CHANNEL. OTHER CHANNELS RANGE FROM 3 TO 30 FEET. PROJECT DEPTH: MAIN CHANNEL, 35 FEET FROM LONG ISLAND SOUND TO HEAD OF HARBOR. BRANCH CHANNELS RANGE FROM 6 TO 22 FEET. ALL AT MEAN LOW WATER. DREDGING IN OUTER ENTRANCE CHANNEL IN PROGRESS DURING THE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	11,069,499	-----	1981-----	9,085,423	-----
1977-----	11,119,383	48,542	1982-----	7,935,063	49,124
1978-----	11,407,796	184,960	1983-----	8,266,499	-----
1979-----	10,622,395	-----	1984-----	10,625,023	-----
1980-----	9,336,320	-----	1985-----	9,340,603	-----

## FREIGHT TRAFFIC, 1985

## (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	9,340,603	2,260,913	251,497	5,982,661	610,096	35,516
0911 FRESH FISH, EXCEPT SHELLFISH-----	35	35	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	13,561	13,561	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	153	153	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	45	45	-----	-----	-----	-----
2091 VEGETABLE OILS, NARS, SHORT-----	840	840	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	11	11	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	55	55	-----	-----	-----	-----
2311 APPAREL-----	3	3	-----	-----	-----	-----
2421 LUMBER-----	17,462	17,462	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	910	910	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	227	227	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	8	8	-----	-----	-----	-----
2611 PULP-----	1,361	1,361	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	1,499	1,499	4	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	249	249	-----	-----	-----	-----
2813 ALCOHOLS-----	71,794	6,096	-----	65,698	-----	-----
2818 SULPHURIC ACID-----	8,600	-----	-----	8,600	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	633,395	417,270	5	214,540	1,486	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	67	67	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	30,363	30,363	-----	-----	-----	-----
2911 GASOLINE-----	3,595,654	189,099	-----	2,850,013	493,581	12,591
2912 JET FUEL-----	214,989	-----	-----	203,692	11,297	-----
2913 KEROSENE-----	94,729	15,980	-----	78,748	3,708	-----
2914 DISTILLATE FUEL OIL-----	2,180,949	771,215	-----	1,172,905	258,678	6,079

# NEW ENGLAND DIVISION

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NEW HAVEN HARBOR, CONN.--CONTINUED  
FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		LOCAL
				RECEIPTS	SHIPMENTS	
2015 RESIDUAL FUEL OIL-----	1,376,106	127,796	-----	1,133,250	98,306	16,846
2017 NAPHTHA, PETROLEUM SOLVENTS-----	80,198	58,247	-----	10,680	11,071	-----
2018 ASPHALT, TAR, AND BITUMES-----	102,234	48,308	-----	57,846	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	2	2	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	13	13	-----	-----	-----	-----
3201 BUILDING CEMENT-----	180,700	-----	-----	180,700	-----	-----
3201 MISC NONMETALLIC MINERAL PROD-----	33	33	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	350	350	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	360,900	360,900	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	24,514	24,514	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	977	977	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	17	17	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	130,510	125,412	5,098	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	25,859	25,366	553	-----	-----	-----
3411 FARRICATED METAL PRODUCTS-----	4,763	4,763	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,495	3,477	18	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	9,703	9,703	10	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	202	201	1	-----	-----	-----
3731 SHIPS AND BOATS-----	130	130	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2	2	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	3	3	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	245,708	-----	245,708	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	100	-----	100	-----	-----	-----
4112 COMMODITIES, NEC-----	15	15	-----	-----	-----	-----

MOUSATONIC RIVER, CONN.

SECTION INCLUDED: LONG ISLAND SOUND TO DERBY AND SHELTON, CONNECTICUT, TIDAL SECTION ABOUT 14 MILES. CONTROLLING DEPTH: 17 FEET FROM ENTRANCE TO BEACON #7; 16.0 FEET TO 1/2 MILE ABOVE ROUTE 1-95 BRIDGES THENCE 16 FEET TO WITHIN 500 FEET OF CULVERS BAR; THENCE 3 FEET TO UPSTREAM PROJECT LIMIT, PROJECT DEPTH: 18 FEET TO CULVERS BAR AT DEVON, 4.75 MILES; THENCE 7 FEET TO SHELTON, AT MEAN LOW WATER. NAVIGATION SEASON: USUALLY ENTIRE YEAR TO STRATFORD; MARCH 1 TO DECEMBER 31, STRATFORD TO SHELTON.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	429,042	1981-----	414,220
1977-----	396,430	1982-----	470,460
1978-----	474,881	1983-----	463,508
1979-----	283,649	1984-----	530,808
1980-----	467,448	1985-----	457,478

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL-----	457,478	456,645	833
1402 SAND, GRAVEL, CRUSHED ROCK-----	34,521	34,521	-----
2015 RESIDUAL FUEL OIL-----	422,957	422,124	833
TOTAL TON-MILES, 2,287,390.			

BRIDGEPORT HARBOR, CONN.

SECTION INCLUDED: MAIN HARBOR: FROM INNER BREAKWATERS TO STRATFORD AVENUE BRIDGE ABOUT 4,000 FEET. POSUONOCK RIVER: FROM STRATFORD AVENUE BRIDGE TO HEAD OF NAVIGATION, ABOUT 1 MILE, YELLOW HILL CHANNEL; FROM A POINT ABOUT 1,800 FEET BELOW YELLOW HILL BRIDGE TO THE HEAD OF NAVIGATION, 1 MILE, JOHNSONS RIVER; FROM THE HIGHWAY BRIDGE TO HEAD OF NAVIGATION, ABOUT 1,600 FEET, BLACK ROCK HARBOR; FROM THE JUNCTION OF BURR AND CEDAR CREEKS TO HEAD OF NAVIGATION, ABOUT 4,000 FEET. CONTROLLING DEPTH: 34 FEET TO BRIDGEPORT LIGHT, THENCE 32 FEET TO UPSTREAM LIMIT OF THE 35-FOOT MAIN CHANNEL; 11 FEET IN THE POSUONOCK RIVER CHANNEL; 13.5 FEET IN JOHNSON RIVER TO NORTH END OF CHANNEL, THENCE 13.5 FEET TO ABOUT 1,600 FEET DOWNSTREAM OF STRATFORD AVENUE BRIDGE, THENCE 24 FEET TO THE BRIDGE. BRANCH CHANNELS RANGE FROM 3 TO 15 FEET. PROJECT DEPTH: MAIN HARBOR: 35 FEET FROM LONG ISLAND SOUND TO ABOUT 720 FEET BELOW STRATFORD AVENUE BRIDGE. BRANCH CHANNELS RANGE FROM 6 TO 18 FEET. ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1976-----	3,265,115	128,174	45,014	1981-----	3,212,051	193,934	60,269
1977-----	3,495,140	74,807	24,343	1982-----	2,728,643	101,206	30,199
1978-----	3,739,609	81,630	25,055	1983-----	2,987,474	167,010	65,966
1979-----	3,243,301	175,656	50,786	1984-----	3,007,320	25,030	10,108
1980-----	3,198,618	-----	-----	1985-----	2,811,088	420,722	238,330

## BRIDGEPORT HARBOR, CONN.--CONTINUED

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	
TOTAL-----	2,411,084	575,461	745	1,786,576	41,403	6,059
0161 ANIMALS AND PRODUCTS, NEC-----	33		33			
0861 FOREST PRODUCTS, NEC-----	2	2				
0911 FRESH FISH, EXCEPT SMELLFISH-----	20	20				
1121 COAL AND LIGNITE-----	135,186			135,186		
1402 SAND, GRAVEL, CRUSHED ROCK-----	121,204			121,204		
2421 LUMBER-----	10,966	10,966				
2431 VENEER, PLYWOOD, WORKED WOOD-----	727	727				
2511 FURNITURE AND FIXTURES-----	66	5	61			
2631 PAPER AND PAPERBOARD-----	170	170				
2819 BASIC CHEMICALS AND PROD, NEC-----	65		65			
2821 PLASTIC MATERIALS-----	309		309			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	113		113			
2891 MISCELLANEOUS CHEMICAL PROD-----	8		8			
2911 GASOLINE-----	692,452	28,966		654,749	28,597	
2913 KEROSENE-----	22,274	19,742		2,532		
2914 DISTILLATE FUEL OIL-----	467,588			475,853	12,135	
2915 RESIDUAL FUEL OIL-----	227,260			219,052	800	6,059
3211 GLASS AND GLASS PRODUCTS-----	6	6				
3314 IRON AND STEEL PRIMARY FORMS-----	523	523				
3315 IRON, STEEL SHAPES, ETC SHEETS-----	394,411	394,411				
3316 IRON AND STEEL PLATES, SHEETS-----	12,703	12,703				
3317 IRON AND STEEL PIPE AND TUBE-----	57,658	57,658				
3318 FERROALLOYS-----	20,650	20,650				
3319 IRON AND STEEL PRODUCTS, NEC-----	3	3				
3321 NONFERROUS METALS, NEC-----	17		17			
3322 COPPER ALLOYS, UNWORKED-----	6,572	6,572				
3323 LEAD AND ZINC, UNWORKED-----	12,397	12,397				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	326	326				
3411 FABRICATED METAL PRODUCTS-----	3,041	3,041				
3511 MACHINERY, EXCEPT ELECTRICAL-----	232	226	6			
3611 ELECTRICAL MACH AND EQUIP-----	2,943	2,943				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	112	112				
3721 AIRCRAFT AND PARTS-----	7		7			
3731 SHIPS AND BOATS-----	14	13	1			
3741 MISC TRANSPORTATION EQUIPMENT-----	424	424				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	10		10			
4111 WATER-----	2					2
4112 COMMODITIES, NEC-----	6	6				
9999 DEPARTMENT OF DEFENSE AND SCI-----	2		2			

## NORWALK HARBOR, CONN.

SECTION INCLUDED: FROM A POINT 4.5 MILE BELOW WASHINGTON STREET BRIDGE TO HEAD OF NAVIGATION AT EAST NORWALK AND NORWALK. CONTROLLING DEPTH: 8.0 FEET IN THE 12-FOOT CHANNEL FROM LONG ISLAND SOUND TO OPPOSITE DOWNSTREAM END OF 10 FOOT ANCHORAGE, THENCE 7 FEET TO THE WASHINGTON BRIDGE; 7 FEET IN THE 10-FOOT CHANNEL. 10 FOOT ANCHORAGE; 16 FEET ANCHORAGE. PROJECT DEPTH: 12 FEET IN CHANNEL FROM OUTER HARBOR TO WASHINGTON STREET BRIDGE, SOUTH NORWALK, THENCE 10 FEET DEEP TO THE BASIN AT NORWALK. ANCHORAGE ADJACENT TO 12 FOOT CHANNEL AT FITCHPOINT LIGHT, 10 FEET. ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	751,474	24,626	1981-----	778,652	142
1977-----	422,908	13,032	1982-----	954,388	134
1978-----	651,047	6,276	1983-----	727,913	34,844
1979-----	617,721	130	1984-----	785,382	284
1980-----	415,465	251	1985-----	784,860	35,814

## FREIGHT TRAFFIC, 1985

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL	LOCAL
		RECEIPTS	SHIPMENTS		
TOTAL-----	784,860	774,669		13	10,184
0912 SMELLFISH, EXCEPT PREPARED-----	10,109			13	10,104
1402 SAND, GRAVEL, CRUSHED ROCK-----	193,802	193,802			
2911 GASOLINE-----	6,493	6,493			
2914 DISTILLATE FUEL OIL-----	134,327	134,327			
2915 RESIDUAL FUEL OIL-----	486,137	486,137			
TOTAL TON-MILES, 3,376,962.					

# NEW ENGLAND DIVISION

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## STANFORD HARBOR, CONN.

SECTION INCLUDED: EAST AND WEST BRANCHES. CONTROLLING DEPTH: 16.0 FEET IN THE 18-FOOT ENTRANCE CHANNEL; 11.5 FEET IN OUTSIDE QUARTERS AND 14.6 FEET IN THE CENTER HALF OF THE 15-FOOT ENTRANCE CHANNEL; 10 FEET IN THE 12-FOOT EAST BRANCH CHANNEL TO 1,100 FEET DOWNSTREAM OF THE HEAD OF NAVIGATION, THENCE 6 FEET TO THE END OF THE CHANNEL. PROJECT DEPTH: 16.0 FEET IN ENTRANCE CHANNEL TO NORTH-  
END OF 18-FOOT ANCHORAGE, THENCE 15.0 FEET IN REMAINDER OF ENTRANCE CHANNEL, WEST BRANCH CHANNEL AND BASIN, 12.0 FEET IN EAST BRANCH CHANNEL, AT MEAN LOW WATER.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	775,638	-----	1981-----	796,928	-----
1977-----	783,243	-----	1982-----	837,922	-----
1978-----	1,099,790	-----	1983-----	878,982	-----
1979-----	874,234	-----	1984-----	1,069,952	-----
1980-----	846,887	1,075	1985-----	849,854	-----

### FREIGHT TRAFFIC, 1985

#### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL-----	849,854	797,463	43,391
1402 SAND, GRAVEL, CRUSHED ROCK-----	483,866	483,866	-----
2914 DISTILLATE FUEL OIL-----	215,876	215,876	-----
2915 RESIDUAL FUEL OIL-----	2,981	2,981	-----
2918 ASPHALT, TAR, AND PITCHES-----	94,700	94,700	-----
4011 IRON AND STEEL SCRAP-----	43,391	-----	43,391
TOTAL TON-MILES, 1,852,986.			

## Waterborne Commerce of the United States, 1985

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
ANDREWS RIVER, MASS.-----	NO COMMERCE REPORTED			
ANNISQUAN RIVER, MASS.-----	NO COMMERCE REPORTED			
APPONAUG COVE, R. I.-----	NO COMMERCE REPORTED			
BAR HARBOR, MAINE-----	0101 COTTON, RAW-----	170		
	2031 FISH AND SHELLFISH, PREPARED-----	3		
	2042 ANIMAL FEEDS-----	23		
	2061 ALCOHOLIC BEVERAGES-----	2		
	2211 BASIC TEXTILE PRODUCTS-----	2		
	2491 WOOD MANUFACTURES, NEC-----	35		
	2631 PAPER AND PAPERBOARD-----	164		
	2691 PULP AND PAPER PRODUCTS, NEC-----	1		
	2711 PRINTED MATTER-----	3		
	2821 PLASTIC MATERIALS-----	12		
	2831 DRUGS-----	1		
	2891 MISCELLANEOUS CHEMICAL PROD-----	5		
	3011 RUBBER AND MISC PLASTIC PROD-----	15		
	3411 FABRICATED METAL PRODUCTS-----	7		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	45		
	3611 ELECTRICAL MACH AND EQUIP-----	12		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	50		
	3731 SHIPS AND BOATS-----	9		
	4112 COMMODITIES, NEC-----	32		
	TOTAL-----	591	591	116,944
BASS HARBOR, MAINE-----				47,942
BEALS HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	30	30	
BELFAST HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,758	1,758	
BEVERLY HARBOR, MASS.-----	0912 SHELLFISH, EXCEPT PREPARED-----	19	19	
BODDIBAY HARBOR, MAINE-----				67,553
BRANFORD HARBOR, CONN.-----	NO COMMERCE REPORTED			
BRISTOL HARBOR, R. I.-----	4112 COMMODITIES, NEC-----	20	20	31,523
BUNKER HARBOR, MAINE-----	NO COMMERCE REPORTED			
CANDEN HARBOR, MAINE-----				426
CANAPITSIT CHANNEL, MASS.-----				127
CAPE PORPOISE HARBOR, MAINE-----	NO COMMERCE REPORTED			
CARVERS HARBOR, MAINE-----				40,710
CHATHAM (STAGE) HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	244	496	1,702
CLINTON HARBOR, CONN.-----	NO COMMERCE REPORTED			
COBSCOOK BAY, MAINE-----	NO COMMERCE REPORTED			
CONASSET HARBOR, MASS.-----	NO COMMERCE REPORTED			
COREA HARBOR, MAINE-----	0912 SHELLFISH, EXCEPT PREPARED-----	89	89	
CRIEHAVEN HARBOR, MAINE-----	NO COMMERCE REPORTED			
CROSS RIP SHOALS, NANTUCKET SOUND, MASS.-----	2911 GASOLINE-----	6,831		
	2914 DISTILLATE FUEL OIL-----	22,101		
	4112 COMMODITIES, NEC-----	14,470		
	TOTAL-----	43,402	66,800	34,365
CUTTYHUNK HARBOR, MASS.-----	4112 COMMODITIES, NEC-----	565	565	9,022
DANABISCOTTA RIVER, MAINE-----	NO COMMERCE REPORTED			
DEER ISLAND THOROUGHFARE, MAINE-----	NO COMMERCE REPORTED			
DORCHESTER BAY, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
DUXBURY HARBOR, MASS.-----	NO COMMERCE REPORTED			
EASTPORT HARBOR, MAINE-----	0161 ANIMALS AND PRODUCTS, NEC-----	744		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	3,715		
	1051 ALUMINUM ORES, CONCENTRATES-----	19,373		
	2049 GRAIN MILL PRODUCTS, NEC-----	1		
	2211 BASIC TEXTILE PRODUCTS-----	8		
	2421 LUMBER-----	411		
	2431 VENEER, PLYWOOD, WORKED WOOD-----	438		
	2611 PULP-----	71,356		
	2691 PULP AND PAPER PRODUCTS, NEC-----	2		
	2711 PRINTED MATTER-----	2		
	2819 BASIC CHEMICALS AND PROD, NEC-----	3		
	2821 PLASTIC MATERIALS-----	197		
	2825 SYNTHETIC (MAN-MADE) FIBERS-----	33		
	2831 DRUGS-----	8		
	2841 SOAP-----	3		
	2891 MISCELLANEOUS CHEMICAL PROD-----	11		
	2916 LUBRICATING OILS AND GREASES-----	1		
	3251 STRUCTURAL CLAY PRODUCTS-----	70		

## NEW ENGLAND DIVISION

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## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
EASTPORT HARBOR, MAINE (CONTINUED)-----	3314 IRON AND STEEL PRIMARY FORMS-----	12	-----	-----
	3315 IRON, STEEL SHAPES, ETC SHEET-----	13,661	-----	-----
	3317 IRON AND STEEL PIPE AND TUBE-----	10,221	-----	-----
	3321 NONFERROUS METALS, NEC-----	3	-----	-----
	3322 COPPER ALLOYS, UNWORKED-----	66	-----	-----
	3324 ALUMINUM AND ALLOYS, UNWORKED-----	32	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	770	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	700	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	53	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	2	-----	-----
	3731 SHIPS AND BOATS-----	1	-----	-----
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	1	-----	-----
	3911 MISC MANUFACTURED PRODUCTS-----	2	-----	-----
	4112 COMMODITIES, NEC-----	163	-----	-----
	TOTAL-----	130,080	130,080	14,700
EDGARTOWN HARBOR, MASS.-----				149,420
EDGEN RIVER, MASS.-----	NO COMMERCE REPORTED			
FALMOUTH HARBOR, MASS.-----	2711 PRINTED MATTER-----	615	-----	-----
	3731 SHIPS AND BOATS-----	20	-----	-----
	TOTAL-----	635	635	300,864
FIVEMILE RIVER HARBOR, CONN.-----	4029 WASTE AND SCRAP, NEC-----	3,150	3,150	-----
FORT POINT CHANNEL, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
GLOUCESTER HARBOR, MASS.-----	0103 CORN-----	67	-----	-----
	0105 RICE-----	140	-----	-----
	0131 FRESH FRUITS-----	349	-----	-----
	0161 ANIMALS AND PRODUCTS, NEC-----	119	-----	-----
	0911 FRESH FISH, EXCEPT SHELLFISH-----	140,494	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	3,933	-----	-----
	1451 CLAY-----	75	-----	-----
	2011 MEAT, FRESH, CHILLED, FROZEN-----	40	-----	-----
	2012 MEAT AND PRODUCTS, NEC-----	119	-----	-----
	2031 FISH AND SHELLFISH, PREPARED-----	5,096	-----	-----
	2034 VEGETABLES AND PREP, NEC-----	37	-----	-----
	2039 PREP FRUIT AND VEG JUICE, NEC-----	6	-----	-----
	2041 WHEAT FLOUR AND SEMOLINA-----	255	-----	-----
	2042 ANIMAL FEEDS-----	56	-----	-----
	2049 GRAIN MILL PRODUCTS, NEC-----	49	-----	-----
	2081 ALCOHOLIC BEVERAGES-----	17	-----	-----
	2091 VEGETABLE OILS, MARG, SHORT-----	10	-----	-----
	2092 ANIMAL OILS AND FATS, NEC-----	53	-----	-----
	2095 ICE-----	9	-----	-----
	2099 MISCELLANEOUS FOOD PRODUCTS-----	9	-----	-----
	2211 BASIC TEXTILE PRODUCTS-----	2	-----	-----
	2311 APPAREL-----	2	-----	-----
	2431 VENEER, PLYWOOD, WORKED WOOD-----	24	-----	-----
	2491 WOOD MANUFACTURES, NEC-----	8	-----	-----
	2691 PULP AND PAPER PRODUCTS, NEC-----	33	-----	-----
	2711 PRINTED MATTER-----	6	-----	-----
	2821 PLASTIC MATERIALS-----	1	-----	-----
	2873 PHOSPHATIC CHEM FERTILIZERS-----	125	-----	-----
	2891 MISCELLANEOUS CHEMICAL WOOD-----	10	-----	-----
	2914 DISTILLATE FUEL OIL-----	9,525	-----	-----
	2916 LUBRICATING OILS AND GREASES-----	3,000	-----	-----
	2921 LIQUEFIED GASES-----	1	-----	-----
	3011 RUBBER AND MISC PLASTIC PROD-----	96	-----	-----
	3211 GLASS AND GLASS PRODUCTS-----	6	-----	-----
	3241 BUILDING CEMENT-----	16	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	32	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	26	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	4	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	20	-----	-----
	3791 MISC TRANSPORTATION EQUIPMENT-----	6	-----	-----
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	1	-----	-----
	3911 MISC MANUFACTURED PRODUCTS-----	44	-----	-----
	4012 NONFERROUS METAL SCRAP-----	9	-----	-----
	4112 COMMODITIES, NEC-----	63	-----	-----
	TOTAL-----	172,030	491,640	4,594
GREAT SALT POND, BLOCK ISLAND, R. I.-----	2911 GASOLINE-----	39	-----	-----
	2914 DISTILLATE FUEL OIL-----	329	-----	-----
	TOTAL-----	368	736	496
GREEN HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	2	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	9	-----	-----
	TOTAL-----	11	11	20,912
GREENWICH BAY, R. I.-----	NO COMMERCE REPORTED			
GREENWICH HARBOR, CONN.-----				137,596
QUILFORD HARBOR, CONN.-----	NO COMMERCE REPORTED			
HAMPTON HARBOR, N. H.-----	NO COMMERCE REPORTED			
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MASS.-----	0912 SHELLFISH, EXCEPT PREPARED-----	1,318	-----	636
HARBOR OF REFUGE, BLOCK ISLAND, R. I.-----	2911 GASOLINE-----	250	-----	-----

## Waterborne Commerce of the United States, 1985

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
HARBOR OF REFUGE, BLOCK ISLAND, R. I. (CONTINUED)-----	2914 DISTILLATE FUEL OIL-----	95		
	4112 COMMODITIES, NEC-----	4,445		
	TOTAL-----	4,790	4,790	504,040
HARBOR OF REFUGE, NANTUCKET, MASS.-----	2911 GASOLINE-----	6,831		
	2914 DISTILLATE FUEL OIL-----	23,393		
	4112 COMMODITIES, NEC-----	129,405		
	TOTAL-----	159,629	319,258	562,564
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, R. I.-----	4112 COMMODITIES, NEC-----	3,948	3,948	445,300
HARRASENET RIVER, MAINE-----	NO COMMERCE REPORTED			
HAY (WEST) HARBOR, N. Y.-----	2911 GASOLINE-----	18		
	2914 DISTILLATE FUEL OIL-----	22		
	4112 COMMODITIES, NEC-----	2,016		
	TOTAL-----	2,056	4,116	114,202
HENDRICKS HARBOR, MAINE-----	NO COMMERCE REPORTED			
HINGHAM HARBOR, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
HYANNIS HARBOR, MASS.-----	4112 COMMODITIES, NEC-----	114,935	229,070	800,501
IPSWICH RIVER, MASS.-----	NO COMMERCE REPORTED			
ISLE AU HAUT THOROUGHFARE, MAINE-----	4112 COMMODITIES, NEC-----	178	178	35,054
ISLE OF SHOALS HARBOR, ME. AND N. H.-----	NO COMMERCE REPORTED			
JOSIAS RIVER, MAINE-----	NO COMMERCE REPORTED			
KENNEBEC RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,536	21,504	104
KENNEBUNK RIVER, MAINE-----	NO COMMERCE REPORTED			
LAGOON POND, MARTHA S VINEYARD, MASS.-----	2914 TIMBER, POBYS, POLES, PILING-----	38	38	
LUBEC CHANNEL, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	393		
	0912 SHELLFISH, EXCEPT PREPARED-----	290		
	TOTAL-----	683	1,259	572,348
LYNN HARBOR, MASS.-----	NO COMMERCE REPORTED			
MACHIAS RIVER, MAINE-----	NO COMMERCE REPORTED			
WALDEN RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
MANCHESTER HARBOR, MASS.-----	NO COMMERCE REPORTED			
MARBLEHEAD HARBOR, MASS.-----	NO COMMERCE REPORTED			
MATINICUS HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	368		
	1491 SALT-----	116		
	TOTAL-----	484	484	
MATTAPoisETT HARBOR, MASS.-----	NO COMMERCE REPORTED			
MENEMSHA CREEK, MARTHA S VINEYARD, MASS.-----	NO COMMERCE REPORTED			
MILFORD HARBOR, CONN.-----	4029 WASTE AND SCRAP, NEC-----	28,350	28,350	
MOOSABEC BAR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	39	39	
MYSTIC RIVER, CONN.-----	4029 WASTE AND SCRAP, NEC-----	12,320	36,960	110,424
NARRAGUAGUS RIVER, MAINE-----	NO COMMERCE REPORTED			
NEPONSET RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
NEW HARBOR, MAINE-----	NO COMMERCE REPORTED			
NEWBURYPORT HARBOR, MASS.-----	NO COMMERCE REPORTED			
NEWPORT HARBOR, R. I.-----	1491 SALT-----	1,095		
	2914 DISTILLATE FUEL OIL-----	19,086		
	2915 RESIDUAL FUEL OIL-----	50,090		
	3315 IRON, STEEL SHAPES, ETC SHEET-----	24		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	710		
	3731 SHIPS AND BOATS-----	688		
	TOTAL-----	73,653	73,653	542
NIANTIC BAY AND HARBOR, CONN.-----				10,164
NORTHEAST HARBOR, MAINE-----	NO COMMERCE REPORTED			
OWLS HEAD HARBOR, MAINE-----	NO COMMERCE REPORTED			
PATCHOGUE RIVER, CONN.-----	NO COMMERCE REPORTED			
PANCAUCK RIVER, R. I. AND CONN.-----	NO COMMERCE REPORTED			

## NEW ENGLAND DIVISION

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## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
PIG ISLAND CUT, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	30	30	-----
PLEASANT BAY MASS.-----	NO COMMERCE REPORTED			
PLEASANT RIVER, MAINE-----	NO COMMERCE REPORTED			
PLYMOUTH HARBOR, MASS. (INCLUDING NORTH PLYMOUTH)-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	863		-----
	2915 RESIDUAL FUEL OIL-----	246,696		-----
	TOTAL-----	247,669	495,338	-----
PROVINCETOWN HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	8,629		-----
	0912 SHELLFISH, EXCEPT PREPARED-----	2,310		-----
	TOTAL-----	10,939	21,069	73,000
RED BROOK HARBOR, BOURNE, MASS.-----	NO COMMERCE REPORTED			
ROCKLAND HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	30,959		-----
	0912 SHELLFISH, EXCEPT PREPARED-----	116		-----
	TOTAL-----	31,075	97,542	115,264
ROCKPORT HARBOR, MAINE-----	NO COMMERCE REPORTED			
ROCKPORT HARBOR, MASS.-----	0912 SHELLFISH, EXCEPT PREPARED-----	1,318	1,318	636
ROYAL RIVER, MAINE-----	NO COMMERCE REPORTED			
RYE HARBOR, NEW HAMPSHIRE-----	NO COMMERCE REPORTED			
SACD RIVER, MAINE-----	NO COMMERCE REPORTED			
SAKONNET RIVER AND HARBOR, R. I.-----	NO COMMERCE REPORTED			
SCARBORO RIVER, MAINE-----	NO COMMERCE REPORTED			
SCITJATE HARBOR, MASS.-----	NO COMMERCE REPORTED			
SEENONK RIVER, R. I.-----	NO COMMERCE REPORTED			
SOUTH BRISTOL HARBOR, MAINE-----	NO COMMERCE REPORTED			
SOUTHWEST HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	630	1,490	-----
ST. CRUX RIVER, MAINE-----	NO COMMERCE REPORTED			
STOCKTON HARBOR, MAINE (INCLUDED IN PENOBSCOT RIVER, MAINE)-----	NO COMMERCE REPORTED			
STONINGTON HARBOR, CONN.-----	NO COMMERCE REPORTED			
STONINGTON HARBOR, MAINE-----	4112 COMMODITIES, NEC-----	178	178	35,054
STONY CREEK, CONN.-----	NO COMMERCE REPORTED			
TAUNTON RIVER, MASS.-----	NO COMMERCE REPORTED			
TENANTS HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	595		-----
	1491 BALT-----	157		-----
	TOTAL-----	752	752	-----
THOMASTON HARBOR (GEORGES RIVER), MAINE-----	NO COMMERCE REPORTED			
TOWN RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	2914 DISTILLATE FUEL OIL-----	80,391		-----
	2915 RESIDUAL FUEL OIL-----	33,617		-----
	TOTAL-----	114,008	114,008	-----
VINEYARD HAVEN HARBOR, MASS.-----	0151 LIVE ANIMALS-----	2		-----
	2414 TIMBER, POSTS, POLES, PILING-----	33		-----
	2711 PRINTED MATTER-----	290		-----
	2911 BAKING LINE-----	3,521		-----
	2914 DISTILLATE FUEL OIL-----	5,774		-----
	3731 SHIPS AND BOATS-----	20		-----
	4112 COMMODITIES, NEC-----	200,876		-----
	TOTAL-----	210,426	210,426	1,082,305
WARREN HARBOR, MASS.-----	2414 TIMBER, POSTS, POLES, PILING-----	30	60	-----
WARREN RIVER, R. I.-----	-----	-----	-----	2,583
WARRICK COVE, WARRICK, R. I.-----	NO COMMERCE REPORTED			
WELLFLEET HARBOR, MASS.-----	NO COMMERCE REPORTED			
WESTPORT HARBOR AND SAUBATUCK RIVER, CONN.-----	4029 WASTE AND SCRAP, MET-----	1,090	5,670	-----
WESTPORT RIVER, MASS.-----	0151 LIVE ANIMALS-----	1		-----
	2414 TIMBER, POSTS, POLES, PILING-----	29		-----
	TOTAL-----	30	30	-----
WETMOUTH BACK RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
WICKFORD HARBOR, R. I.-----	NO COMMERCE REPORTED			



*Waterborne Commerce of the United States, 1985*

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
WINTHROP HARBOR, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
WOOD ISLAND HARBOR, MAINE AND THE POOL AT BIDDEFORD-----	NO COMMERCE REPORTED			
WOODS HOLE CHANNEL, MASS.-----	0151 LIVE ANIMALS-----	1		
	2414 TIMBER, POBTS, POLES, PILING-----	15		
	2914 DISTILLATE FUEL OIL-----	2,716		
	4112 COMMODITIES, NEC-----	226,080		
	TOTAL-----	226,732	226,732	1,321,001
YORK HARBOR, MAINE-----	NO COMMERCE REPORTED			

# NEW YORK, NY, DISTRICT

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## PORT CHESTER HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM LONG ISLAND SOUND TO A POINT 100 FEET BELOW MILL STREET BRIDGE. CONTROLLING DEPTH: 9.5 FEET FROM LONG ISLAND SOUND TO UPPER LIMIT OF 12-FOOT PROJECT; BALANCE OF WATERWAY RANGES FROM 1 TO 10 FEET; 6 FEET IN ANCHORAGE AREA. PROJECT DEPTH: 12, 10 AND 3 FEET; 12 FEET IN ANCHORAGE AREA. ALL AT MEAN LOW WATER. PROJECT LENGTH: 1.7 MILES.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	259,757	1981-----	340,032
1977-----	295,687	1982-----	309,938
1978-----	384,550	1983-----	270,120
1979-----	267,647	1984-----	377,096
1980-----	343,533	1985-----	305,862

### FREIGHT TRAFFIC, 1985

#### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE RECEIPTS	INTERNAL RECEIPTS	LOCAL
TOTAL-----	305,862	127,962	80,627	97,273
1442 SAND, GRAVEL, CRUSHED ROCK-----	215,869	127,962	80,627	7,280
2911 GASOLINE-----	6,096	-----	-----	6,096
2914 DISTILLATE FUEL OIL-----	83,837	-----	-----	83,837
TOTAL TON-MILES, 366,622.				

## EAST CHESTER CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM LONG ISLAND SOUND TO CANAL STREET. CONTROLLING DEPTH: 8 FEET FROM LONG ISLAND SOUND TO A POINT OPPOSITE TURTLE COVE; BALANCE OF WATERWAY RANGES FROM 0.7 TO 8 FEET. PROJECT DEPTH: 10 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 5 MILES.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	1,367,300	1981-----	1,590,347
1977-----	1,363,524	1982-----	1,549,074
1978-----	1,627,502	1983-----	1,633,987
1979-----	1,460,464	1984-----	1,730,178
1980-----	1,653,309	1985-----	1,605,089

### FREIGHT TRAFFIC, 1985

#### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE RECEIPTS	INTERNAL RECEIPTS	LOCAL
TOTAL-----	1,605,089	116,167	216,892	1,270,030
1442 SAND, GRAVEL, CRUSHED ROCK-----	333,957	115,065	216,892	-----
2911 GASOLINE-----	913,843	1,102	-----	912,741
2913 KEROSENE-----	902	-----	-----	902
2914 DISTILLATE FUEL OIL-----	310,523	-----	-----	310,523
2915 RESIDUAL FUEL OIL-----	25,987	-----	-----	25,987
4011 IRON AND STEEL SCRAP-----	20,167	-----	-----	20,167
TOTAL TON-MILES, 7,590,078.				

## BRONX RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO EAST 172ND STREET. CONTROLLING DEPTH: 10 FEET FROM EAST RIVER TO BRUCKNER BOULEVARD BRIDGE; BALANCE OF WATERWAY RANGES 1.3 TO 7.5 FEET. PROJECT DEPTH: 10 FEET; ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.6 MILES.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	382,537	121,770	1981-----	339,931	132,300
1977-----	286,620	152,210	1982-----	264,780	317,420
1978-----	242,085	121,570	1983-----	170,410	285,600
1979-----	245,629	267,210	1984-----	357,969	249,930
1980-----	418,781	240,480	1985-----	308,727	243,432

## Waterborne Commerce of the United States, 1985

BROOK RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

## FREIGHT TRAFFIC, 1985

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL-----	308,727	108,891	110,889	88,947
1442 SAND, GRAVEL, CRUSHED ROCK-----	219,786	108,891	110,889	-----
3011 IRON AND STEEL SCRAP-----	88,947	-----	-----	88,947
TOTAL TON-MILES, 617,454.				

WESTCHESTER CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO EAST TREMONT AVENUE BRIDGE. CONTROLLING DEPTH: 12 FEET FROM EAST RIVER TO UPSTREAM LIMIT PROJECT. PROJECT DEPTH: 12 FEET IN CHANNEL AND TURNING BASIN. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.6 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	560,450	1981-----	548,428
1977-----	548,321	1982-----	487,224
1978-----	589,926	1983-----	568,627
1979-----	528,337	1984-----	383,787
1980-----	578,185	1985-----	285,695

## FREIGHT TRAFFIC, 1985

## DOMESTIC

(SHORT TONS)

COMMODITY	LOCAL
TOTAL-----	285,695
2911 GASOLINE-----	89,264
2914 DISTILLATE FUEL OIL-----	100,788
2915 RESIDUAL FUEL OIL-----	5,647
TOTAL TON-MILES, 720,082.	

FLUSHING BAY AND CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN EAST RIVER TO ROOSEVELT AVENUE BRIDGE. CONTROLLING DEPTH: 15 FEET FROM EAST RIVER TO JUNCTION WITH BRANCH CHANNEL. BALANCE OF WATERWAY RANGES FROM 2 TO 14 FEET. PROJECT DEPTH: 15 FEET IN BAY, BRANCH AND CREEK CHANNELS, AND MANEUVERING AREA, AND 6 FEET IN ANCHORAGE AREA. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.9 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	1,569,289	1981-----	1,464,484
1977-----	1,848,185	1982-----	1,451,735
1978-----	1,909,110	1983-----	1,465,329
1979-----	1,583,917	1984-----	1,701,295
1980-----	1,660,286	1985-----	1,697,692

## FREIGHT TRAFFIC, 1985

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL	LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	
TOTAL-----	1,697,692	106,028	1,069	556,239	1,034,386
1442 SAND, GRAVEL, CRUSHED ROCK-----	438,234	106,028	-----	336,206	-----
2913 KEROSENE-----	3,654	-----	-----	-----	3,654
2914 DISTILLATE FUEL OIL-----	299,190	-----	1,069	-----	298,121
2915 RESIDUAL FUEL OIL-----	292,423	-----	-----	-----	292,423
3241 BUILDING CEMENT-----	226,053	-----	-----	226,053	-----
4029 WASTE AND SCRAP, NEC-----	840,118	-----	-----	-----	840,118
TOTAL TON-MILES, 3,653,396.					

# NEW YORK, NY, DISTRICT

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HARLEM RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO HUDSON RIVER, CONTROLLING DEPTH: 15 FEET FROM EAST RIVER TO SPUYTEN DUYVIL R. R. BRIDGES; BALANCE OF WATERWAY RANGES FROM 14 TO 15 FEET. PROJECT DEPTH: 15 AND 18 FEET; ALL AT MEAN LOW WATER; PROJECT LENGTH: 7.6 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	400,170	-----	1981-----	575,220	-----
1977-----	422,910	-----	1982-----	536,605	-----
1978-----	400,744	-----	1983-----	568,506	381,208
1979-----	414,860	-----	1984-----	503,551	663,954
1980-----	508,593	-----	1985-----	610,758	777,647

## FREIGHT TRAFFIC, 1985

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE RECEIPTS	INTERNAL RECEIPTS	LOCAL
TOTAL-----	610,758	319,072	130,017	361,669
1402 SAND, GRAVEL, CRUSHED ROCK-----	511,600	319,072	130,017	62,515
2914 DISTILLATE FUEL OIL-----	125,334	-----	-----	125,334
2915 RESIDUAL FUEL OIL-----	173,820	-----	-----	173,820
TOTAL TON-MILES, 2,623,790.				

HUDSON RIVER, N. Y. (LOWER SECTION) (INCLUDED IN PORT OF NEW YORK, ALSO INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: FROM UPPER NEW YORK CITY LIMITS TO TARRYTOWN; NOT INCLUDING THE LATTER. CONTROLLING DEPTH: 32 FEET MEAN LOW WATER. PROJECT DEPTH: 34 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL. PROJECT LENGTH: 13.3 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1976-----	561,793	1,025,518	21,890,583	1981-----	874,533	1,012,391	16,153,609
1977-----	718,396	932,392	22,299,989	1982-----	742,957	870,686	15,967,580
1978-----	587,443	650,905	23,845,993	1983-----	574,823	913,284	16,037,220
1979-----	753,940	1,116,936	22,113,861	1984-----	1,103,601	822,665	17,287,390
1980-----	641,331	1,104,469	21,569,420	1985-----	1,110,139	780,133	15,612,581

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE	INTERNAL	
				RECEIPTS	SHIPMENTS	
TOTAL-----	1,110,139	246,093	7,000	85,567	511,735	258,745
1451 CLAY-----	50	50	-----	-----	-----	-----
2000 GRAIN MILL PRODUCTS, NEC-----	63	-----	63	-----	-----	-----
2001 SUBSAL-----	327,635	242,064	2	85,567	-----	-----
2009 MISCELLANEOUS FOOD PRODUCTS-----	7,500	-----	7,500	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	6	-----	6	-----	-----	-----
2311 APPAREL-----	2	-----	2	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	27	-----	27	-----	-----	-----
2801 SOAP-----	13	-----	13	-----	-----	-----
2911 GASOLINE-----	111,750	-----	-----	-----	1,035	110,715
2914 DISTILLATE FUEL OIL-----	122,102	-----	-----	-----	-----	122,102
2915 RESIDUAL FUEL OIL-----	25,023	-----	-----	-----	-----	25,023
2916 LUBRICATING OILS AND GREASES-----	7	-----	2	-----	-----	5
3011 RUBBER AND MISC PLASTIC PROD-----	44	-----	44	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	1	-----	1	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	25	-----	25	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	3,952	3,952	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	4	-----	4	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	35	-----	35	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	25	-----	25	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	29	-----	29	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	119	-----	119	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	17	-----	17	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	50	-----	50	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	19	-----	19	-----	-----	-----
4020 WASTE AND SCRAP, NEC-----	510,700	-----	-----	-----	510,700	-----
4112 COMMODITIES, NEC-----	26	25	1	-----	-----	-----
TOTAL TON-MILES, 272,961,600.						

## Waterborne Commerce of the United States, 1985

HUDSON RIVER CHANNEL, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN UPPER BAY TO A POINT OPPOSITE WEST 156TH STREET, MANHATTAN, CONTROLLING DEPTH: 39 TO 43 FEET; 2,000 TO 3,000 FEET WIDE FROM DEEP WATER IN THE UPPER BAY TO WEST 40TH STREET; BALANCE OF WATERWAY RANGES FROM 34 TO 64 FEET. PROJECT DEPTH AND LENGTH: 40 FEET, 45 FEET AND 48 FEET FROM UPPER BAY TO OPPOSITE WEST 50TH STREET; 6 MILES, 30 FEET IN WEHANKEN-EDGEWATER CHANNEL; 5 MILES. ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC RAILROAD FREIGHT CARS					
				RECEIPTS		SHIPMENTS		LOCAL	
				EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED
1976	4,164,751	4,052,677	22,322,433	10,065	1,399	1,556	10,722	6,232	2,361
1977	3,912,153	4,329,114	23,010,593	1,198	6,897	7,240	1,117	2,272	995
1978	4,361,858	3,677,040	24,406,823	6,820	988	282	8,767	-----	-----
1979	4,124,937	3,502,377	22,442,905	785	6,423	6,241	867	-----	-----
1980	4,115,321	4,294,749	22,158,091	4,236	4,546	-----	199	-----	-----
1981	3,267,712	4,315,141	16,497,746	-----	-----	-----	-----	-----	-----
1982	3,423,164	4,140,974	16,529,569	-----	-----	-----	-----	-----	-----
1983	2,848,721	3,723,894	16,459,512	-----	-----	-----	-----	-----	-----
1984	2,494,534	2,472,277	14,262,877	2,237	924	493	2,281	-----	-----
1985	2,924,362	960,311	16,444,574	3,262	364	164	2,359	3,424	2,721

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	LOCAL
				RECEIPTS	SHIPMENTS	RECEIPTS	
TOTAL	2,924,362	867,951	314,124	149,948	1,740	41,111	1,513,492
0101 COTTON, RAW	10	10	-----	-----	-----	-----	-----
0103 CORN	760	-----	760	-----	-----	-----	-----
0105 RICE	45	45	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC	586	573	13	-----	-----	-----	-----
0121 TOBACCO, LEAF	1,002	1,002	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC	489	486	3	-----	-----	-----	-----
0131 FRESH FRUITS	326	25	300	-----	-----	-----	-----
0133 COFFEE	6,409	6,478	331	-----	-----	-----	-----
0134 COCOA BEANS	104	10	94	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES	1,551	1,110	433	-----	-----	-----	-----
0151 LIVE ANIMALS	26	26	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC	9,224	8,249	975	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS	277	277	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS	2,214	2,094	120	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC	5,683	5,562	121	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH	5,049	4,117	932	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED	2,394	2,034	359	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED	36	36	-----	-----	-----	-----	-----
1051 ALUMINUM DRES, CONCENTRATES	1,721	1,719	2	-----	-----	-----	-----
1091 NONFERROUS DRES, CONCENT, NEC	1,326	1,218	108	-----	-----	-----	-----
1121 COAL AND LIGNITE	413	42	371	-----	-----	-----	-----
1411 Limestone	420	20	400	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED	1,213	-----	1,213	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK	274,491	559	201	149,844	-----	41,111	43,276
1451 CLAY	2,573	2,102	471	-----	-----	-----	-----
1471 PHOSPHATE ROCK	23	-----	23	-----	-----	-----	-----
1491 SALT	21,859	21,849	-----	-----	-----	-----	-----
1492 SULPHUR, DRY	441	-----	441	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS	140	30	110	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC	1,454	1,155	303	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES	1,500	861	747	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN	6,349	5,004	1,345	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC	4,146	3,420	777	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS	2,250	-----	2,250	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC	9,040	3,956	5,084	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC	7,156	7,129	27	-----	-----	-----	-----
2022 DRIED MILK AND CREAM	7,735	2	1,733	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED	9,662	8,501	1,161	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC	45,908	45,482	516	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC	33,359	30,113	3,246	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA	577	-----	577	-----	-----	-----	-----
2042 ANIMAL FEEDS	7,291	599	6,692	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC	18,652	15,709	2,943	-----	-----	-----	-----
2061 SUGAR	10,653	10,646	7	-----	-----	-----	-----
2062 MOLASSES	247	-----	247	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES	107,796	106,741	1,055	-----	-----	-----	-----
2091 VEGETABLE OILS, WARG, SHORT	14,872	7,200	1,027	-----	-----	-----	6,645
2092 ANIMAL OILS AND FATS, NEC	1,205	1,200	5	-----	-----	-----	-----
2095 ICE	1,669	1,669	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS	32,808	20,300	3,508	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES	1,175	102	75	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS	23,993	21,900	2,093	-----	-----	-----	-----
2311 APPAREL	18,320	18,061	279	-----	-----	-----	-----
2411 LBS	105	-----	105	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES	1,095	25	980	-----	-----	-----	-----
2421 LUMBER	3,024	435	2,594	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD	750	464	286	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC	4,471	4,400	191	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES	28,336	27,137	1,199	-----	-----	-----	-----
2611 PULP	100	14	98	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER	1,786	10	1,768	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD	21,774	14,576	7,196	-----	-----	-----	-----

## NEW YORK, NY, DISTRICT

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HUDSON RIVER CHANNEL, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	
2691 PULP AND PAPER PRODUCTS, NEC-----	6,099	4,337	1,759	-----	-----	-----	-----
2711 PRINTED MATTER-----	16,536	11,286	5,250	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	6,433	-----	-----	-----	-----	-----	6,433
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	7,906	7,893	13	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	1,270	-----	1,270	-----	-----	-----	-----
2913 ALCOHOLS-----	4,343	2,965	1,378	-----	-----	-----	-----
2916 RADIOACTIVE MATERIALS, WASTES-----	24	1	23	-----	-----	-----	-----
2917 BENZENE AND TOLUENE-----	3	-----	3	-----	-----	-----	-----
2918 SULPHURIC ACID-----	1,740	-----	-----	-----	1,740	-----	-----
2919 BASIC CHEMICALS AND PROD, NEC-----	45,745	30,396	15,349	-----	-----	-----	-----
2921 PLASTIC MATERIALS-----	27,730	16,542	11,188	-----	-----	-----	-----
2922 SYNTHETIC RUBBER-----	1,282	124	1,158	-----	-----	-----	-----
2923 SYNTHETIC (MAN-MADE) FIBERS-----	389	320	61	-----	-----	-----	-----
2931 DRUGS-----	7,361	6,382	979	-----	-----	-----	-----
2941 SOAP-----	11,963	7,009	4,954	-----	-----	-----	-----
2951 PAINTS-----	12,178	10,721	1,457	-----	-----	-----	-----
2961 GUM AND GUM CHEMICALS-----	476	278	198	-----	-----	-----	-----
2971 NITROGENOUS CHEM FERTILIZERS-----	21	21	-----	-----	-----	-----	-----
2972 POTASSIC CHEM FERTILIZERS-----	705	676	29	-----	-----	-----	-----
2976 INSECTICIDES, DISINFECTANTS-----	1,299	538	752	-----	-----	-----	-----
2979 FERTILIZER AND MATERIALS, NEC-----	953	809	144	-----	-----	-----	-----
2991 MISCELLANEOUS CHEMICAL PROD-----	11,534	4,735	6,799	-----	-----	-----	-----
2911 GASOLINE-----	210	-----	210	-----	-----	-----	-----
2912 JET FUEL-----	1,429	-----	-----	-----	-----	-----	1,429
2913 KEROSENE-----	37,555	-----	-----	-----	-----	-----	37,555
2914 DISTILLATE FUEL OIL-----	95,965	-----	-----	-----	-----	-----	95,965
2915 RESIDUAL FUEL OIL-----	388,858	-----	-----	-----	-----	-----	388,858
2916 LUBRICATING OILS AND GREASES-----	4,072	454	3,618	-----	-----	-----	252
2917 NAPHTHA, PETROLEUM SOLVENTS-----	50	-----	50	-----	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	324	167	151	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	1,024	17	1,007	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	114	-----	114	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	2,605	1,409	1,196	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	28,890	25,921	2,969	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	23,773	20,166	3,607	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	20,273	10,083	1,190	-----	-----	-----	-----
3241 BUILDING CEMENT-----	14	-----	14	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	17,103	16,547	546	-----	-----	-----	-----
3271 LIME-----	57	-----	57	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	16,984	16,448	536	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	13,584	12,675	909	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	1,193	1,039	64	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	11,549	11,147	362	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	3,308	-----	3,308	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	5,032	4,530	502	-----	-----	-----	-----
3318 FERROALLOYS-----	791	317	474	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	6,721	5,977	744	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	7,467	6,738	729	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	11,487	10,013	574	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	975	853	122	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	7,861	7,415	446	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	47,939	41,401	6,538	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	56,174	41,342	14,732	100	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	39,604	31,554	7,050	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	20,972	13,600	7,072	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	397	70	327	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	1,484	1,370	114	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	399	57	342	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	13,047	5,506	7,541	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	37,957	36,510	1,447	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	29,995	26	3,512	-----	-----	-----	26,455
4012 NONFERROUS METAL SCRAP-----	12,532	114	12,418	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	7,168	33	7,135	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	107,118	-----	107,118	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	612,609	-----	-----	-----	-----	-----	612,609
8112 COMMODITIES, NEC-----	300,952	8,774	6,163	-----	-----	-----	294,015
9999 DEPARTMENT OF DEFENSE AND SCT-----	1,133	-----	1,133	-----	-----	-----	-----
TOTAL TON-MILES, 197,591,100.							

*Waterborne Commerce of the United States, 1985*

EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM UPPER NEW YORK BAY TO THROGS NECK. CONTROLLING DEPTH: 40 FEET FROM UPPER BAY TO MALLABET CHANNELS. BALANCE OF WATERWAY RANGES FROM 20 TO 35 FEET. PROJECT DEPTH: 40 FEET TO FORMER BROOKLYN NAVY YARD; 35 FEET ABOVE THE FORMER BROOKLYN NAVY YARD. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 16 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

COMPARATIVE STATE-EXT. OF TRAFFIC										
YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC						
				RAILROAD FREIGHT CARS				AUTOMOBILES		
				RECEIPTS		SHIPMENTS		LOCAL		ACCOMPANYING
				EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED	PASSENGERS
1976	18,083,927	18,051,730	27,722,643	1,552	9,986	10,065	1,399	-----	-----	508,027
1977	17,449,699	17,706,868	27,447,649	7,240	1,117	1,198	6,097	-----	-----	585,904
1978	16,193,852	16,635,431	29,000,787	282	0,262	0,820	948	-----	-----	626,084
1979	16,676,735	19,262,178	24,627,148	6,241	847	785	6,423	-----	-----	500,000
1980	16,569,869	14,253,933	30,053,102	6,159	5,368	4,817	6,950	-----	-----	679,007
1981	17,887,548	20,462,451	29,427,104	1,591	6,765	6,554	1,196	-----	-----	-----
1982	11,957,435	19,930,280	31,069,138	1,852	8,016	7,874	2,200	-----	-----	456,725
1983	11,664,349	20,869,111	27,307,602	31	381	415	22	-----	-----	408,219
1984	11,195,605	21,480,401	32,372,439	593	2,203	2,237	928	-----	-----	408,219
1985	9,079,562	20,523,565	31,408,399	164	2,359	3,262	364	3,426	2,723	453,000

### FREIGHT TRAFFIC, 1985

(SHORT TONS)

		FOREIGN		COASTWISE		DOMESTIC		
COMMODITY	TOTAL	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		LOCAL
						RECEIPTS	SHIPMENTS	
TOTAL-----	9,079,562	1,770,975	80,830	740,007	194,820	99,448	1,709,782	4,388,694
0101 COTTON, RAW-----	55		55					
0105 CORN-----	14		14					
0119 OILSEEDS, NEC-----	33		33					
0120 FIELD CROPS, NEC-----	186		183	3				
0131 ORN. FRUITS-----	31		31					
0132 BANANAS AND PLANTAINS-----	198,087		198,087					
0133 COFFEE-----	12,151		12,151					
0134 COCOA BEANS-----	1,411		1,411					
0141 FRESH AND FRITZEN VEGETABLES-----	426		412	14				
0161 ANIMALS AND PRODUCTS, NEC-----	593		291	302				
0191 MISCELLANEOUS FARM PRODUCTS-----	3		3					
0841 CRUDE RUBBER AND ALLIED GUMS-----	2			2				
0861 FOREST PRODUCTS, NEC-----	77		33	44				
0911 FRESH FISH, EXCEPT SMELTFISH-----	55		55					
0912 SMELTFISH, EXCEPT PREPARED-----	2,201		2,201					
1051 ALUMINUM ORES, CONCENTRATES-----	1			1				
1091 NONFERROUS ORES, CONCENT, NEC-----	185		24	161				
1311 CRUDE PETROLEUM-----	24,074			22,480				6,694
1442 SAND, GRAVEL, CRUSHED ROCK-----	193,527		2	111,530		81,989		
1451 CLAY-----	206			206				
1491 SALT-----	29,762		29,762					
1499 NONMETALLIC MINERALS, NEC-----	599		485	114				
1911 ORDNANCE AND ACCESSORIES-----	2		2					
2012 MEAT AND PRODUCTS, NEC-----	22		20	2				
2015 ANIMAL BY-PRODUCTS, NEC-----	43		43					
2021 DAIRY PRODUCTS, NEC-----	106		106					
2022 DRIED MILK AND CREAM-----	7		7					
2031 FISH AND SMELTFISH, PREPARED-----	95		95					
2034 VEGETABLES AND PREP, NEC-----	573		549	24				
2039 PREP FRUIT AND VEG JUICE, NEC-----	40,642		40,642					
2042 ANIMAL FEEDS-----	92			92				
2061 GRAIN MILL PRODUCTS, NEC-----	29		66	163				
2061 SUGAR-----	308,157		287,235	2,500	18,422			
2081 ALCOHOLIC BEVERAGES-----	438		40					
2091 VEGETABLE OILS, MARG, SHORT-----	12,772		8,177	31				4,564
2092 ANIMAL OILS AND FATS, NEC-----	5		5					
2095 ICE-----	21		21					
2099 MISCELLANEOUS FOOD PRODUCTS-----	7,610		6,740	270				
2111 TOBACCO MANUFACTURES-----	13		11	2				
2211 BASIC TEXTILE PRODUCTS-----	2,702		1,708	994				
2311 APPAREL-----	631		627	4				
2414 TIMBER, POSTS, POLES, PILING-----	9		9					
2421 LUMBER-----	69,724		69,724					
2431 VENEER, PLYWOOD, WORKED WOOD-----	107		107					
2491 WOOD MANUFACTURES, NEC-----	28		235	13				
2511 FURNITURE AND FIXTURES-----	1,899		1,878	21				
2621 STANDARD NEWSPRINT PAPER-----	21		21					
2631 PAPER AND PAPERBOARD-----	776		1,491	3,265				
2691 PULP AND PAPER PRODUCTS, NEC-----	770		711	59				
2711 PRINTED MATTER-----	663		442	221				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	122		122					
2812 DYES, PIGMENT, TANNING MATS-----	44			44				
2813 ALCOHOLS-----	224		131	93				
2817 BENZENE AND TOLUENE-----	3		3					
2819 BASIC CHEMICALS AND PROD, NEC-----	12,449		8,250	4,199				
2821 PLASTIC MATERIALS-----	5,282		3,324	1,958				
2822 SYNTHETIC RUBBER-----	560			560				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	4							
2831 DRUGS-----	200		112					
2841 DYES-----	1,550		1,265	285				
2851 PAINTS-----	467		31	104				
2861 GUM AND WOOD CHEMICALS-----	103		103					
2891 NITROGENOUS CHEM FERTILIZERS-----	117		117					
2891 INSECTICIDES, DISINFECTANTS-----	545			545				
2891 MISCELLANEOUS CHEMICAL PROD-----	1,494		696	1,198				8,916
2911 GASOLINE-----	8,923			7				
2912 JET FUEL-----	11,518							11,518

# NEW YORK, NY, DISTRICT

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EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1965--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWIDE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2913 KEROSENE-----	52,748	-----	-----	-----	3,626	-----	1,422	47,700
2914 DISTILLATE FUEL OIL-----	872,404	2,310	-----	3,845	61,206	4,475	24,681	767,079
2915 RESIDUAL FUEL OIL-----	3,936,744	654,080	-----	580,220	133,908	-----	112,579	2,451,073
2916 LUBRICATING OILS AND GREASES-----	1,169	-----	320	-----	-----	-----	-----	849
2917 NAPHTHA, PETROLEUM SOLVENTS-----	730	730	-----	-----	-----	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	151	151	-----	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	26	-----	26	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,180	837	0	-----	-----	-----	-----	343
3011 RUBBER AND MISC PLASTIC PROD-----	6,098	5,975	123	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	1,798	1,783	15	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1,354	1,211	143	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	401,942	392,942	-----	-----	-----	9,000	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	2,443	2,238	205	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	2,119	2,104	15	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	828	609	219	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	4,566	4,566	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, ETC SHEET-----	6,038	6,029	9	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	137	-----	137	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	85	78	7	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	272	124	148	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	377	209	168	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	4,571	4,131	440	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	20	20	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	808	793	15	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	2,743	2,228	515	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,445	2,307	3,138	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	3,884	1,760	2,115	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,523	1,000	1,523	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	5	-----	-----	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	30	29	1	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1,008	837	251	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	234	88	146	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	623	541	82	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	45,332	60	45,263	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	159	39	120	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	5,636	37	5,599	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	815	122	693	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	2,449,274	-----	-----	-----	-----	1,655,000	-----	793,374
4111 WATER-----	1,522	-----	-----	-----	-----	-----	-----	1,522
4112 COMMODITIES, NEC-----	295,743	700	1,342	-----	-----	-----	-----	294,062
9999 DEPARTMENT OF DEFENSE AND SCI-----	166	-----	166	-----	-----	-----	-----	-----
TOTAL TON-MILES, 560,660,185.								

NEWTON CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO JOHNSON AVENUE. CONTROLLING DEPTH: MAIN CHANNEL, 20 FEET TO 12 FEET FROM EAST RIVER TO SOUTH END OF TURNING BASIN; BALANCE OF WATERWAY RANGES BETWEEN 12 AND 16 FEET. PROJECT DEPTH: 23, 20, AND 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 5.2 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	4,557,921	1981-----	2,906,744
1977-----	4,399,921	1982-----	2,109,663
1978-----	4,209,403	1983-----	1,976,937
1979-----	3,275,218	1984-----	2,100,024
1980-----	3,486,870	1985-----	2,276,083

FREIGHT TRAFFIC, 1965

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWIDE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,278,003	104,766	1,130	108,723	6,036	2,019,819
1402 SAND, GRAVEL, CRUSHED ROCK-----	303,800	138,572	-----	104,037	-----	69,791
1499 NONMETALLIC MINERALS, NEC-----	4,401	-----	-----	-----	-----	4,401
2911 GASOLINE-----	596,730	5,103	-----	1,206	9,000	500,311
2913 KEROSENE-----	16,806	-----	-----	-----	-----	16,806
2914 DISTILLATE FUEL OIL-----	506,165	1,011	1,130	-----	-----	504,015
2915 RESIDUAL FUEL OIL-----	52,663	-----	-----	-----	-----	52,663
2916 LUBRICATING OILS AND GREASES-----	36	-----	-----	-----	-----	36
2917 NAPHTHA, PETROLEUM SOLVENTS-----	26,574	-----	-----	-----	-----	26,574
2991 PETROLEUM AND COAL PROD, NEC-----	986	-----	-----	-----	986	-----
4011 IRON AND STEEL SCRAP-----	267,458	-----	-----	-----	-----	267,458
4029 WASTE AND SCRAP, NEC-----	504,294	-----	-----	-----	-----	504,294
TOTAL TON-MILES, 3,888,192.						



BUTTERNUT CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO ANCHORAGE CHANNEL. CONTROLLING DEPTH: 35-FOOT PROJECT WESTERLY HALF OF CHANNEL, DEPTH AT 35 FEET; 40-FOOT PROJECT EASTERLY HALF OF CHANNEL, DEPTH AT 40 FEET. PROJECT DEPTH: 35 FEET AND 40 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.3 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARS		SHIPMENTS	
				EMPTY	LOADED	EMPTY	LOADED
1976	1,353,042	5	674,762	164	5,707	4,043	1,133
1977	1,645,730	6	907,126	814	4,594	4,052	967
1978	1,502,187	130	744,107	130	3,762	3,948	130
1979	1,123,823	-----	951,810	-----	-----	-----	-----
1980	1,120,740	-----	812,261	12	359	304	34
1981	995,530	-----	855,010	-----	-----	-----	-----
1982	777,571	-----	631,623	64	2625	2436	160
1983	746,990	-----	342,415	14	1432	1137	231
1984	680,439	-----	360,407	-----	-----	-----	-----
1985	611,504	-----	267,191	-----	-----	-----	-----

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COMMODITY		
				RECEIPTS	SHIPMENTS	
TOTAL	611,504	380,252	166,173	500	2,509	62,074
0103 CORN	66	-----	66	-----	-----	-----
0105 RICE	5	5	-----	-----	-----	-----
0111 SOYBEANS	3	-----	3	-----	-----	-----
0119 OILSEEDS, NEC	42	-----	42	-----	-----	-----
0121 TOBACCO, LEAF	94	93	1	-----	-----	-----
0129 FIELD CROPS, NEC	925	907	18	-----	-----	-----
0131 FRESH FRUITS	449	162	287	-----	-----	-----
0132 BANANAS AND PLANTAINS	16,569	16,569	-----	-----	-----	-----
0133 COFFEE	70,155	70,155	-----	-----	-----	-----
0134 COCOA BEANS	4,326	4,326	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES	4,040	3,614	426	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC	1,166	504	662	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS	94	94	-----	-----	-----	-----
0801 CRUDE RUBBER AND ALLIED GUMS	150	34	116	-----	-----	-----
0861 FOREST PRODUCTS, NEC	11,170	10,730	436	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH	1,447	1,425	22	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED	9,116	9,116	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED	4	-----	4	-----	-----	-----
1011 IRON ORE AND CONCENTRATES	56	-----	56	-----	-----	-----
1031 ALUMINUM ORES, CONCENTRATES	64	41	23	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC	1,287	1,273	14	-----	-----	-----
1121 COAL AND LIGNITE	180	-----	180	-----	-----	-----
1411 LIMESTONE	93	-----	93	-----	-----	-----
1412 BUILDING STONE, UNWORKED	2,457	-----	2,457	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK	368	-----	368	-----	-----	-----
1451 CLAY	1,046	245	761	-----	-----	-----
1471 PHOSPHATE ROCK	5,080	4,499	181	-----	-----	-----
1491 SALT	12	-----	12	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS	5,346	254	5,092	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC	302	10	292	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES	906	174	732	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN	1,720	1,582	138	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC	1,257	-----	1,257	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS	242	202	40	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC	2,199	649	1,550	-----	-----	-----
2021 DAIRY PRODUCTS, NEC	340	-----	340	-----	-----	-----
2022 DRIED MILK AND CREAM	3,197	3,087	110	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED	9,310	9,093	217	-----	-----	-----
2034 VEGETABLES AND PREP, NEC	23,815	23,271	544	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC	22	-----	22	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA	1,471	140	1,331	-----	-----	-----
2042 ANIMAL FEEDS	4,714	3,240	1,474	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC	53	47	6	-----	-----	-----
2061 SUGAR	2,509	-----	2,509	-----	-----	-----
2062 MOLASSES	9,450	9,200	149	-----	-----	-----
2081 ALCOHOLIC BEVERAGES	21,547	13,816	1,305	-----	-----	6,346
2091 VEGETABLE OILS, NARS, SHORT	9	2	7	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC	612	612	-----	-----	-----	-----
2095 ICE	24,102	19,044	4,330	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS	13	1	12	-----	-----	-----
2111 TOBACCO MANUFACTURES	11,849	8,685	3,244	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS	2,696	2,332	364	-----	-----	-----
2311 APPAREL	603	603	-----	-----	-----	-----
2411 LIDS	6	-----	6	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES	63	63	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING	25	25	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS	25	25	-----	-----	-----	-----
2419 LUMBER	1,780	1,530	250	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD	294	290	39	-----	-----	-----
2491 WOOD MANUFACTURES, NEC	684	613	69	-----	-----	-----
2511 FURNITURE AND FIXTURES	4,130	3,989	141	-----	-----	-----
2611 PULP	141	-----	141	-----	-----	-----
2621 STANDARD NEWSRINT PAPER	1,511	20	1,403	-----	-----	-----
2631 PAPER AND PAPERBOARD	11,151	3,209	7,062	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC	4,050	3,423	635	-----	-----	-----
2711 PRINTED MATTER	5,720	4,492	1,274	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS	1,070	791	327	-----	-----	-----

## NEW YORK, NY, DISTRICT

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BUTTERNILK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
2812 DYES, PIGMENT, TANNING MATS-----	457	-----	457	-----	-----	-----
2813 ALCOHOLS-----	500	117	432	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	5	-----	5	-----	-----	-----
2817 BENZENE AND TOLUENE-----	170	-----	170	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	16,220	3,405	12,735	-----	-----	-----
2821 PLASTIC MATERIALS-----	23,776	11,923	11,853	-----	-----	-----
2822 SYNTHETIC RUBBER-----	5,509	15	5,494	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	5,894	4,717	1,177	-----	-----	-----
2831 DRUGS-----	1,097	413	684	-----	-----	-----
2841 SOAP-----	4,463	1,527	2,936	-----	-----	-----
2851 PAINTS-----	2,097	907	1,190	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	192	143	49	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	466	255	211	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	300	-----	300	-----	-----	-----
2876 INSECTICIDES, DISEMPLOYERS-----	1,451	36	1,415	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	20	-----	20	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	8,704	1,733	7,051	-----	-----	-----
2911 GASOLINE-----	176	1	175	-----	-----	-----
2913 KEROSENE-----	11	-----	11	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	14,308	-----	-----	-----	-----	14,308
2915 RESIDUAL FUEL OIL-----	40,308	-----	-----	-----	-----	40,308
2916 LUBRICATING OILS AND GREASES-----	6,245	-----	5,223	-----	-----	1,022
2917 NAPHTHA, PETROLEUM SOLVENTS-----	98	-----	98	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMES-----	4,645	4,533	112	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	75	-----	75	-----	-----	-----
2921 LIQUEFIED GASES-----	272	-----	272	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	130	-----	130	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,161	874	287	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	8,169	6,422	1,747	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	15,756	15,637	119	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	3,982	3,381	601	-----	-----	-----
3241 BUILDING CEMENT-----	20,090	19,918	172	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	6,364	5,743	621	-----	-----	-----
3271 LIME-----	71	-----	71	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	13,085	12,357	728	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3,506	2,232	1,274	-----	-----	-----
3311 PIG IRON-----	23	-----	23	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	11	10	1	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,797	2,018	779	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	1,958	-----	1,958	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	1,161	783	378	-----	-----	-----
3318 FERROALLOYS-----	29	-----	29	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,994	964	1,030	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	4,060	3,053	1,007	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	4,435	3,762	673	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	836	779	57	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	5,265	3,321	1,944	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	7,987	3,883	3,988	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	26,810	8,806	17,504	500	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	13,569	7,037	6,532	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	10,885	3,221	7,664	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	321	14	307	-----	-----	-----
3731 SHIPS AND BOATS-----	403	225	178	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	3,937	3,019	918	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	3,217	772	2,445	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	2,286	1,231	1,057	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	243	17	226	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	1,740	197	1,543	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	1,575	2	1,573	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	3,515	255	3,260	-----	-----	-----
4112 COMMODITIES, NEC-----	3,779	814	2,965	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	9,688	-----	9,688	-----	-----	-----
TOTAL TON-MILES, 1,773,220.						

BAY RIDGE AND RED HOOK CHANNELS, N. Y.  
(INCLUDED IN PORT OF NEW YORK)SECTION INCLUDED: FROM NARROWS TO BUTTERNILK CHANNEL. CONTROLLING DEPTH: 40 FEET FROM NARROWS TO 69TH STREET PIER, BROOKLYN  
BALANCE OF WATERWAY RANGES FROM 35 TO 34.3 FEET. PROJECT DEPTH: 40 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 4 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC NOT ROAD FREIGHT CARS			
				RECEIPTS		SHIPMENTS	
				EMPTY	LOADED	EMPTY	LOADED
1976-----	2,836,904	8,656	2,609,562	-----	-----	-----	-----
1977-----	2,437,883	118,452	3,117,239	-----	-----	-----	-----
1978-----	2,301,600	218,133	2,620,589	1,150	123	23	1,267
1979-----	1,603,504	-----	2,379,612	161	4,089	4,181	1,965
1980-----	1,937,273	-----	2,006,237	90	1,901	1,685	220
1981-----	2,059,639	-----	1,457,815	-----	-----	-----	-----
1982-----	1,505,996	-----	1,375,901	-----	-----	-----	-----
1983-----	1,176,962	-----	1,057,997	-----	-----	-----	-----
1984-----	1,572,581	-----	1,032,825	-----	-----	-----	-----
1985-----	1,042,907	-----	713,588	-----	-----	-----	-----

BAY RIDGE AND RED HOOK CHANNELS, N. Y.  
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	1,842,907	655,603	143,212	11,448	2,534	5,274
0103 CORN	4	3	1			
0105 RICE	241	241				
0107 WHEAT	2	2				
0119 OILSEEDS, NEC	702	702				
0121 TOBACCO, LEAF	700	674	24			
0129 FIELD CROPS, NEC	4,124	4,113	11			
0131 FRESH FRUITS	1,063	935	128			
0132 BANANAS AND PLANTAINS	4,893	4,893				
0133 COFFEE	75,664	75,288	376			
0134 COCOA BEANS	1,867	1,867				
0141 FRESH AND FROZEN VEGETABLES	2,720	2,215	505			
0161 ANIMALS AND PRODUCTS, NEC	1,639	1,174	465			
0191 MISCELLANEOUS FARM PRODUCTS	99	99				
0801 CRUDE RUBBER AND ALLIED GUMS	3,176	3,172	4			
0801 FOREST PRODUCTS, NEC	2,929	2,623	306			
0911 FRESH FISH, EXCEPT SHELLFISH	1,947	1,927	20			
0912 SHELLFISH, EXCEPT PREPARED	7,587	7,471	116			
0931 MARINE SHELLS, UNMANUFACTURED	4	4				
1051 ALUMINUM DRES, CONCENTRATES	32	4	26			
1091 NONFERROUS DRES, CONCENT, NEC	75	75				
1121 COAL AND LIGNITE	1,031		1,031			
1311 CRUDE PETROLEUM	110,002					
1411 LIMESTONE	175		175			
1412 BUILDING STONE, UNWORKED	23		23			
1442 SAND, GRAVEL, CRUSHED ROCK	6,757	263	15			
1451 CLAY	455	277	178			
1471 PHOSPHATE ROCK	1		1			
1491 SALT	125		125			
1492 SULPHUR, DRY	43		43			
1499 GYPSUM, CRUDE AND PLASTERS	173	34	137			
1499 NONMETALLIC MINERALS, NEC	9,179	7,874	403			
1911 ORDNANCE AND ACCESSORIES	174	114	56			
2011 MEAT, FRESH, CHILLED, FROZEN	903	357	636			
2012 MEAT AND PRODUCTS, NEC	5,907	5,829	114			
2014 TALLOW, ANIMAL FATS AND OILS	3,994		3,994			
2015 ANIMAL BY-PRODUCTS, NEC	843	805	38			
2021 DAIRY PRODUCTS, NEC	2,206	1,651	555			
2022 DRIED MILK AND CREAM	367	20	367			
2031 FISH AND SHELLFISH, PREPARED	1,886	1,724	162			
2034 VEGETABLES AND PREP, NEC	12,314	10,452	1,362			
2039 PREP FRUIT AND VEG JUICE, NEC	44,158	43,460	698			
2041 WHEAT FLOUR AND SEMOLINA	15		15			
2042 ANIMAL FEEDS	279	7	272			
2099 GRAIN MILL PRODUCTS, NEC	2,035	1,481	554			
2091 SUGAR	40,686	78,198	40			
2092 MOLASSES	4,598					
2091 ALCOHOLIC BEVERAGES	24,391	24,319	72			
2091 VEGETABLE OILS, LONG, SHORT	13,280	9,426	1,674			
2092 ANIMAL OILS AND FATS, NEC	35	19	16			
2095 ICE	817	817				
2099 MISCELLANEOUS FOOD PRODUCTS	44,975	41,321	3,654			
2111 TOBACCO MANUFACTURES	48	48				
2211 BASIC TEXTILE PRODUCTS	27,990	24,653	3,337			
2212 TEXTILE FIBERS, NEC	180	170	2			
2311 APPAREL	9,493	9,417	986			
2411 LOGS	11	11				
2413 FUEL WOOD, CHARCOAL, WASTES	1,239		1,239			
2414 TIMBER, POSTS, POLES, PILING	43	43				
2416 WOOD CHIPS, STAVES, HOLDINGS	31	31				
2421 LUMBER	6,027	5,822	205			
2431 VENEER, PLYWOOD, WORKED WOOD	4,670	4,646	24			
2491 WOOD MANUFACTURES, NEC	2,783	2,632	151			
2511 FURNITURE AND FIXTURES	43,342	41,338	2,004			
2611 PULP	78		78			
2621 STANDARD NEWSPRINT PAPER	318		318			
2631 PAPER AND PAPERBOARD	15,384	9,240	6,124			
2691 PULP AND PAPER PRODUCTS, NEC	2,204	772	1,432			
2711 PRINTED MATTER	3,740	2,004	1,734			
2811 CRUDE TAR, OIL, GAS PRODUCTS	903	977	16			
2812 DYES, PIGMENT, TANNING MATS	317		317			
2813 ALCOHOLS	1,032	935	97			
2816 RADIOACTIVE MATERIALS, WASTES	21		21			
2917 BENZENE AND TOLUENE	157		157			
2919 BASIC CHEMICALS AND PROD, NEC	18,524	10,895	7,629			
2921 PLASTIC MATERIALS	14,542	9,506	7,036			
2922 SYNTHETIC RUBBER	347	45	302			
2923 SYNTHETIC (MAN-MADE) FIBERS	1,293	165	1,118			
2931 DRUGS	1,593	807	736			
2941 SOAP	3,120	1,725	1,403			
2951 PAINTS	4,682	3,630	1,050			
2961 GUN AND WOOD CHEMICALS	462	250	204			
2971 NITROGENOUS CHEM FERTILIZERS	2,630	2,711	119			
2972 POTASSIC CHEM FERTILIZERS	1,246	25	1,221			
2976 INSECTICIDES, DISINFECTANTS	1,549	41	1,508			
2979 FERTILIZER AND MATERIALS, NEC	27		27			
2991 MISCELLANEOUS CHEMICAL PROD	9,798	1,139	8,659			
2911 GASOLINE	4,500		20			
2914 DISTILLATE FUEL OIL	30,636		30,636			
2915 RESIDUAL FUEL OIL	41,173		41,173			
2916 LUBRICATING OILS AND GREASES	3,420		2,939			
2917 NAPHTHA, PETROLEUM SOLVENTS	4,350		9			

## NEW YORK, NY, DISTRICT

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BAY RIDGE AND RED HOOK CHANNELS, N. Y.  
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

				FOREIGN		DOMESTIC			
COMMODITY		TOTAL				COASTWISE	INTERNAL		LOCAL
			IMPORTS	EXPORTS		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
2010	ASPHALT, TAR, AND PITCHES-----	247	214	33					
2021	LIQUEFIED GASES-----	561		561					
2051	ASPHALT BUILDING MATERIALS-----	22		22					
2091	PETROLEUM AND COAL PROD, NEC-----	1,659	1,535	124					
3011	RUBBER AND MISC PLASTIC PROD-----	13,004	11,313	1,691					
3111	LEATHER AND LEATHER PRODUCTS-----	11,590	11,170	412					
3211	GLASS AND GLASS PRODUCTS-----	16,022	16,225	507					
3241	BUILDING CEMENT-----	25,495	23,467	20					
3251	STRUCTURAL CLAY PRODUCTS-----	11,920	11,060	860					
3271	LIME-----	2		2					
3281	CUT STONE AND STONE PRODUCTS-----	3,877	3,863	14					
3291	MISC NONMETALLIC MINERAL PROD-----	4,273	3,712	491					
3314	IRON AND STEEL PRIMARY FORMS-----	25		25					
3315	IRON, STEEL SHAPES, EXC SHEET-----	4,145	3,117	1,020					
3316	IRON AND STEEL PLATES, SHEETS-----	8,508		8,508					
3317	IRON AND STEEL PIPE AND TUBE-----	2,060	1,947	113					
3318	FERROALLOYS-----	162	160	2					
3319	IRON AND STEEL PRODUCTS, NEC-----	1,645	954	731					
3321	NONFERROUS METALS, NEC-----	5,152	5,010	182					
3322	COPPER ALLOYS, UNWORKED-----	19,163	19,036	127					
3323	LEAD AND ZINC, UNWORKED-----	793	775	18					
3324	ALUMINUM AND ALLOYS, UNWORKED-----	6,219	5,400	810					
3411	FABRICATED METAL PRODUCTS-----	31,916	29,383	2,533					
3511	MACHINERY, EXCEPT ELECTRICAL-----	29,439	16,846	12,593					
3611	ELECTRICAL MACH AND EQUIP-----	10,514	8,587	5,927					
3711	MOTOR VEHICLES, PARTS, EQUIP-----	9,297	3,220	6,069					
3721	AIRCRAFT AND PARTS-----	216		216					
3731	SHIPS AND BOATS-----	268	129	139					
3791	MISC TRANSPORTATION EQUIPMENT-----	650	153	497					
3811	INSTA, TIME, PHOTO, OPT GOODS-----	4,188	2,111	2,077					
3911	MISC MANUFACTURED PRODUCTS-----	4,696	3,930	766					
4011	IRON AND STEEL SCRAP-----	3,633		3,633					
4012	NONFERROUS METAL SCRAP-----	426	24	402					
4022	TEXTILE WASTE, SCRAP, SWEEP-----	7,972	12	7,960					
4024	PAPER WASTE AND SCRAP-----	11,353	972	10,381					
4029	WASTE AND SCRAP, NEC-----	822,674						402,400	819,874
8112	COMMODITIES, NEC-----	4,508	1,560	2,939					
9999	DEPARTMENT OF DEFENSE AND SCI-----	713		713					
TOTAL TON-MILES-----		4,947,400							

GOWANUS CREEK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM 28TH STREET TO HAMILTON AVENUE BRIDGE. CONTROLLING DEPTH: 30 FEET FROM ENTRANCE TO PERCIVAL STREET, THENCE 20 FEET TO SIGOURNEY STREET; THENCE 15 FEET TO HAMILTON AVE.; 20 FEET IN BRANCH CHANNEL IN HENRY ST. BASIN. PROJECT DEPTH: 30 FEET AND 18 FEET ALL AT MEAN LOW WATER. PROJECT LENGTH: 0.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC RAILROAD FREIGHT CARS			
			RECEIPTS		SHIPMENTS	
			EMPTY	LOADED	EMPTY	LOADED
1976-----	3,176,742	345,982	6	44	50	-----
1977-----	3,200,485	565,165	-----	-----	-----	-----
1978-----	2,685,078	503,887	-----	-----	-----	-----
1979-----	2,563,248	498,398	-----	-----	-----	-----
1980-----	2,211,116	610,782	-----	-----	-----	-----
1981-----	1,904,528	402,395	-----	-----	-----	-----
1982-----	1,440,791	630,711	-----	-----	-----	-----
1983-----	998,091	838,062	-----	-----	-----	-----
1984-----	976,992	882,302	-----	-----	-----	-----
1985-----	627,750	785,881	-----	-----	-----	-----

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN IMPORTS	DOMESTIC				LOCAL
			COASTWISE		INTERNAL		
			RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	627,750	8,645	42,382	11,532	104,145	456,050	
0133 COFFEE-----	8,645	8,645	-----	-----	-----	-----	
1442 SAND, GRAVEL, CRUSHED ROCK-----	155,480	-----	41,733	-----	104,145	4,530	
2011 GASOLINE-----	12,590	-----	649	-----	-----	11,949	
2014 DISTILLATE FUEL OIL-----	150,590	-----	-----	11,532	-----	147,066	
2015 RESIDUAL FUEL OIL-----	292,500	-----	-----	-----	-----	292,500	
2016 LUBRICATING OILS AND GREASES-----	5	-----	-----	-----	-----	5	
TOTAL TON-MILES, 1,413,635.							

## Waterborne Commerce of the United States, 1985

## CONEY ISLAND CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM NORTON POINT TO DEEP WATER TO SOUTHEAST. CONTROLLING DEPTH: (1970) 20 FEET. PROJECT DEPTH: 20 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 1.3 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	THROUGH TRAFFIC (TONS)	YEAR	THROUGH TRAFFIC (TONS)
1976-----	3,531,877	1981-----	2,219,139
1977-----	3,632,869	1982-----	1,862,872
1978-----	3,668,785	1983-----	1,992,360
1979-----	3,123,192	1984-----	2,207,086
1980-----	2,665,287	1985-----	2,101,277

EAST ROCKAWAY INLET, N. Y. (DESS INLET)  
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: A CHANNEL FROM DEEP WATER IN THE ATLANTIC OCEAN TO A 12-FOOT DEPTH INSIDE EAST ROCKAWAY INLET. CONTROLLING DEPTH: 8 FEET IN CHANNEL. PROJECT DEPTH: 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 1.0 MILE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	3,256,971	112,870	1981-----	1,771,156	97,200
1977-----	3,198,501	92,210	1982-----	1,852,531	88,620
1978-----	2,953,318	94,160	1983-----	1,898,119	80,480
1979-----	1,724,425	85,640	1984-----	2,035,808	77,720
1980-----	1,571,917	88,970	1985-----	1,745,311	226,778

## FREIGHT TRAFFIC, 1985

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	COASTWISE THROUGH UPBOUND	INTERNAL THROUGH DOWNBOUND
TOTAL-----	1,743,311	1,177,811	565,500
2911 GASOLINE-----	739,869	739,869	-----
2913 KEROSENE-----	2,570	2,570	-----
2914 DISTILLATE FUEL OIL-----	352,919	352,919	-----
2915 RESIDUAL FUEL OIL-----	82,088	82,088	-----
4029 WASTE AND SCRAP, NEC-----	545,900	-----	545,900
TOTAL TON-MILES, 1,743,311.			

## JAMAICA BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: ENTIRE BAY. CONTROLLING DEPTH: ENTRANCE CHANNEL--20 FEET FROM ATLANTIC OCEAN TO ROCKAWAY POINT, THENCE 14 FEET TO WARREN ISLAND. BRANCH CHANNELS RANGE FROM 12 TO 14 FEET. PROJECT DEPTH: 20, 14, 14 AND 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 10.7 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	5,960,007	495,360	1981-----	2,840,489	465,286
1977-----	4,052,596	488,156	1982-----	2,595,566	386,950
1978-----	4,294,232	509,430	1983-----	2,688,879	361,820
1979-----	3,850,630	435,618	1984-----	2,987,687	333,759
1980-----	3,315,554	425,972	1985-----	2,705,743	348,514

## FREIGHT TRAFFIC, 1985

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,793,783	10,829	5,936	159,155	695,100	1,922,763
1402 SAND, GRAVEL, CRUSHED ROCK-----	167,170	0,015	-----	159,155	-----	-----
2911 GASOLINE-----	1,259,680	1,556	-----	-----	-----	1,259,124
2912 JET FUEL-----	0,764	1,270	-----	-----	-----	5,806
2913 KEROSENE-----	15,941	-----	-----	-----	-----	15,941
2914 DISTILLATE FUEL OIL-----	688,073	-----	5,936	-----	-----	682,137
2915 RESIDUAL FUEL OIL-----	81,055	-----	-----	-----	-----	81,055
4029 WASTE AND SCRAP, NEC-----	695,100	-----	-----	-----	695,100	-----
TOTAL TON-MILES, 33,308,848.						

# NEW YORK, NY, DISTRICT

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## RARITAN RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN RARITAN BAY TO NEW BRUNSWICK. CONTROLLING DEPTHS: MAIN CHANNEL, 25 FEET FROM N. Y. AND N. J. CHANNELS TO JUNCTION OF SOUTH CHANNEL; BALANCE OF WATERWAY RANGES FROM 1 TO 25 FEET. PROJECT DEPTHS: 25, 15 AND 10 FEET IN MAIN CHANNEL; 25 AND 10 FEET IN SOUTH CHANNEL. ALL AT MEAN LOW WATER. PROJECT LENGTH: 13.8 MILES.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	5,897,310	1981-----	6,495,476
1977-----	4,384,353	1982-----	5,322,205
1978-----	5,680,388	1983-----	5,864,783
1979-----	5,058,360	1984-----	5,861,880
1980-----	6,399,400	1985-----	5,939,766

### FREIGHT TRAFFIC, 1985

#### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	5,939,766	4,494	884,875	75,543	1,189,860	1,025,937
1011 IRON ORE AND CONCENTRATES-----	6,600		6,600			
1121 COAL AND LIGNITE-----	63,167					63,167
1311 CRUDE PETROLEUM-----	3,489					3,489
1402 SAND, GRAVEL, CRUSHED ROCK-----	491,453	8,498		71,743	11,334	401,492
2010 SULPHURIC ACID-----	12,500		12,500			
2911 GASOLINE-----	5,000					5,000
2912 JET FUEL-----	2,384		2,384			
2913 KEROSENE-----	80,149		6,254	1,850	14,007	58,038
2914 DISTILLATE FUEL OIL-----	196,406		11,733		26,708	158,005
2915 RESIDUAL FUEL OIL-----	1,084,406		809,602		41,620	1,133,476
2916 LUBRICATING OILS AND GREASE-----	10					10
2991 PETROLEUM AND COAL PROD, NEC-----	8,832					8,832
8020 WASTE AND SCRAP, NEC-----	1,091,200				1,091,200	
TOTAL TON-MILES, 11,067,316.						

## UPPER RAY, NEW YORK HARBOR, N. Y. AND N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM THE NARROWS TO JUNCTION OF HUDSON AND EAST RIVERS. CONTROLLING DEPTHS: ANCHORAGE CHANNEL 45 FEET; CHANNEL ALONG N. J. PIERHEAD LINE 19.5 FEET; RED HOOK FLATS ANCHORAGE, 35 FEET AND 45 FEET; LIBERTY ISLAND ANCHORAGE 20 FEET; PROJECT DEPTH AND PROJECT LENGTH: ANCHORAGE CHANNEL 45 FEET, 5.7 MILES; CHANNEL ALONG NEW JERSEY PIERHEAD LINE, 20 FEET, 3 MILES; RED HOOK FLATS ANCHORAGE, 35 AND 45 FEET; LIBERTY (HFDLOP) ISLAND ANCHORAGE 20 FEET. ALL AT MEAN LOW WATER.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC				ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS		SHIPMENTS		
				RECEIPTS	SHIPMENTS	EMPTY	LOADED	
1976	31,523,250	20,474,746	127,761,984	3,420	1,012	211	4,351	504,027
1977	41,955,727	20,473,651	125,475,159	3,706	881	422	4,124	585,004
1978	41,280,545	20,858,838	126,402,369	3,421	835	536	5,134	626,889
1979	32,474,381	21,004,993	113,647,343	3,536	614	142	4,023	509,152
1980	34,833,524	22,717,473	108,493,524	2,660	6,605	6,261	3,002	679,807
1981	31,475,382	23,174,118	101,460,744	6,554	1,946	1,491	4,745	
1982	26,902,628	22,795,752	100,175,546	7,208	2,360	1,921	10,641	456,725
1983	24,269,440	23,295,352	96,841,307	1,552	253	85	1,813	409,219
1984	37,262,997	22,293,665	103,714,280	-----	-----	---	---	409,219
1985	31,512,343	23,928,210	98,765,192	-----	-----	---	---	453,004

\* DOES NOT INCLUDE THAT PORTION FRONTING BAY RING AND RED HOOK CHANNELS, WHICH IS REPORTED UPON SEPARATELY.

### FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	31,512,343	17,176,212	671,954	3,570,861	1,528,645	342	928, 19	7,639,705
0105 RICE-----	309	309	-----	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	63	63	-----	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	71	71	-----	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	829	829	-----	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	385	297	120	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	8,070	8,070	-----	-----	-----	-----	-----	-----
0133 COFFEE-----	14,749	14,615	134	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	2,745	2,745	-----	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	638	541	97	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	395	326	29	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	17	2	15	-----	-----	-----	-----	-----
8001 CRUDE RUBBER AND ALLIED GUMS-----	20,195	20,195	52	-----	-----	-----	-----	-----
8001 FOREST PRODUCTS, NEC-----	2,764	2,764	20	-----	-----	-----	-----	-----
8911 FRESH FISH, EXCEPT SHELLFISH-----	395	380	7	-----	-----	-----	-----	-----

UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0912 SHELLFISH, EXCEPT PREPARED	830	828	2					
1051 ALUMINUM DRES, CONCENTRATES	23	23						
1061 MANGANESE DRES, CONCENTRATES	162		162					
1091 NONFERROUS DRES, CONCENT, NEC	74	74						
1311 CRUDE PETROLEUM	4,060,874	2,618,684		591,430			46,577	806,174
1442 SAND, GRAVEL, CRUSHED ROCK	973		973					
1451 CLAY	137	102	35					
1491 SALT	12,130	12,130						
1499 GYPSUM, CRUDE AND PLASTERS	4		4					
1499 NONMETALLIC MINERALS, NEC	35,659	35,533	126					
1911 ORNANCE AND ACCESSORIES	45	67	20					
2011 MEAT, FRESH, CHILLED, FROZEN	862	800	50					
2012 MEAT AND PRODUCTS, NEC	322	322						
2014 TALLOW, ANIMAL FATS AND OILS	32		32					
2015 ANIMAL BY-PRODUCTS, NEC	53	86	7					
2021 DAIRY PRODUCTS, NEC	1,207	1,207						
2022 DRIED MILK AND CREAM	166	166						
2031 FISH AND SHELLFISH, PREPARED	1,002	1,002						
2034 VEGETABLES AND PREP, NEC	2,609	2,553	96					
2039 PREP FRUIT AND VEG JUICE, NEC	5,053	5,020	33					
2042 ANIMAL FEEDS	550	149	409					
2049 GRAIN MILL PRODUCTS, NEC	837	540	289					
2061 SUGAR	322,577	322,577						
2062 MOLASSES	8		8					
2081 ALCOHOLIC BEVERAGES	6,702	6,700	2					
2091 VEGETABLE OIL, WARE, SHORT	50,679	27,291	97					27,291
2092 ANIMAL OILS AND FATS, NEC	320	320						
2095 ICE	385	385						
2099 MISCELLANEOUS FOOD PRODUCTS	4,313	4,166	147					
2111 TOBACCO MANUFACTURES	10	10						
2211 BASIC TEXTILE PRODUCTS	5,392	5,020	364					
2212 TEXTILE FIBERS, NEC	283	283						
2311 APPAREL	2,908	2,762	146					
2421 LUMBER	1,331	1,140	191					
2431 VENEER, PLYWOOD, WORKED WOOD	1,577	1,577						
2491 WOOD MANUFACTURES, NEC	624	623	1					
2511 FURNITURE AND FIXTURES	1,614	1,394	220					
2611 PULP	5,003	4,981	22					
2621 STANDARD NEWSPRINT PAPER	179	133	46					
2631 PAPER AND PAPERBOARD	4,720	549	4,171					
2691 PULP AND PAPER PRODUCTS, NEC	209	124	175					
2711 PRINTED MATTER	635	507	128					
2810 SODIUM HYDROXIDE	7,023				2,134			4,889
2811 CRUDE TAR, TAR, GAS PRODUCTS	18,181	5,407	3		7,032			4,839
2812 DYES, PIGMENT, TANNING MATS	94							
2813 ALCOHOLS	44,871	20,007	665	8,090			3,173	8,734
2817 BENZENE AND TOLUENE	41,391	2,756		12,454				26,181
2818 BASIC CHEMICALS AND PROD, NEC	384,365	368,612	3,692	4,043				12,818
2821 PLASTIC MATERIALS	5,106	1,406	3,740					
2822 SYNTHETIC RUBBER	945		945					
2823 SYNTHETIC (MAN-MADE) FIBERS	42	49	3					
2831 DRUGS	606	258	300					
2841 SOAP	2,957	1,579	1,378					
2851 PAINTS	1,164	1,006	150					
2861 GUM AND GUMM CHEMICALS	227	221	6					
2871 NITROGENOUS CHEM FERTILIZERS	144		144					
2872 POTASSIC CHEM FERTILIZERS	36	21	15					
2873 PHOSPHATIC CHEM FERTILIZERS	36		36					
2876 INSECTICIDES, DISINFECTANTS	1,471	70	1,392					
2879 FERTILIZER AND MATERIALS, NEC	121	121						
2891 MISCELLANEOUS CHEMICAL PROD	464,776	463,615	1,161					
2911 GASOLINE	6,219,656	3,470,541		411,547	703,061		47,066	1,587,441
2912 JET FUEL	400,681	288,291		40,434	20,872			51,084
2913 KEROSENE	234,125	60,167		91,827	18,225		1,850	82,116
2914 DISTILLATE FUEL OIL	2,367,602	572,058		624,176	148,926		116,721	905,821
2915 RESIDUAL FUEL OIL	14,667,561	8,112,818		1,723,645	586,725		715,232	3,528,941
2916 LUBRICATING OILS AND GREASES	20,771	4	199	9,620				19,940
2917 NAPHTHA, PETROLEUM SOLVENTS	982,222	627,560	70	2,891	55,303			216,394
2918 ASPHALT, TAR, AND BITUMENS	43,294	22,025	31	11,104	2,367			6,767
2920 COKE, PETROLEUM COKE	150		150					
2921 LIQUEFIED GASES	177	175	2					
2991 PETROLEUM AND COAL PROD, NEC	1,515	48	17					1,490
3011 RUBBER AND WISE PLASTIC PROD	1,561	1,401	160					
3111 LEATHER AND LEATHER PRODUCTS	1,300	1,287	93					
3211 GLASS AND GLASS PRODUCTS	675	643	32					
3291 BUILDING CEMENT	13		13					
3251 STRUCTURAL CLAY PRODUCTS	20,854	1,110	19,744					
3291 CUT STONE AND STONE PRODUCTS	1,310	1,300						
3291 WISE NONMETALLIC MINERAL PROD	1,310	1,300						
3311 IRON AND STEEL PRIMARY FORMS	9,295	9,295						
3315 IRON, STEEL SHAPES, ETC SHEET	14,466	14,465	1					
3316 IRON AND STEEL PLATES, SHEETS	144		144					
3317 IRON AND STEEL PIPE AND TUBE	3,955	3,034	117					
3318 FERROALLOYS	20							
3319 IRON AND STEEL PRODUCTS, NEC	320	254	66					
3321 NONFERROUS METALS, NEC	508	453	55					
3322 COPPER ALLOYS, UNWORKED	708	665	43					
3323 LEAD AND ZINC, UNWORKED	1,880	1,868	12					
3324 ALUMINUM AND ALLOYS, UNWORKED	816	630	186					
3411 FABRICATED METAL PRODUCTS	7,155	6,100	967					
3511 MACHINERY, EXCEPT ELECTRICAL	9,539	3,842	5,696					
3611 ELECTRICAL MACH AND EQUIP	4,667	2,672	1,776					
3711 MOTOR VEHICLES, PARTS, EQUIP	3,917	3,111	806					

## NEW YORK, NY, DISTRICT

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UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)---CONTINUED

## FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
3721 AIRCRAFT AND PARTS-----	58	-----	58	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	1,431	72	1,359	-----	-----	-----	-----	-----
3791 WISC TRANSPORTATION EQUIPMENT-----	271	-----	271	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,866	219	1,647	-----	-----	-----	-----	-----
3911 WISC MANUFACTURED PRODUCTS-----	1,699	1,587	112	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	1,011,843	-----	611,083	43,391	-----	547	-----	357,467
4012 NONFERROUS METAL SCRAP-----	844	827	21	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	84	43	1	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	1,802	6	1,796	-----	-----	-----	-----	-----
4111 WATER-----	313	-----	-----	-----	-----	-----	-----	313
4112 COMMODITIES, NEC-----	1,652	804	618	-----	-----	-----	-----	231
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,960	-----	1,960	-----	-----	-----	-----	-----
TOTAL TON-MILES, 421,178,534.								

NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: ENTIRE BAY, CONTROLLING DEPTH: 35 FEET IN NEWARK BAY, INCLUDING BRANCH CHANNELS AT PORT NEWARK AND PORT ELIZABETH TO A POINT 1,200 FEET SOUTH OF C. R. R. OF N. J. BRIDGE; BALANCE OF WATERWAY RANGES FROM 32 TO 35 FEET. PROJECT DEPTH: 37 FEET IN ROCK, 35 FEET AND 32 FEET IN OTHER MATERIAL. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 4.7 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARS			
				RECEIPTS	SHIPMENTS	EMPTY	LOADED
1976-----	17,662,900	1,503	8,195,971	4	35	39	-----
1977-----	18,368,740	30	9,008,405	-----	-----	-----	-----
1978-----	17,642,367	1,291	9,611,508	-----	-----	-----	-----
1979-----	15,466,237	-----	9,098,260	-----	-----	-----	-----
1980-----	15,296,440	-----	10,622,497	-----	-----	-----	-----
1981-----	15,252,248	-----	10,250,075	-----	-----	-----	-----
1982-----	13,936,000	-----	11,411,000	-----	-----	-----	-----
1983-----	15,401,347	-----	9,456,320	-----	-----	-----	-----
1984-----	17,928,626	-----	8,720,225	-----	-----	-----	-----
1985-----	18,231,907	-----	9,901,440	-----	-----	-----	-----

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	18,231,907	8,653,033	3,644,830	1,094,203	2,120,877	1,945	105,621	2,411,354
0101 COTTON, RAW-----	572	35	-----	524	13	-----	-----	-----
0102 BARLEY AND RYE-----	1,009	425	584	-----	-----	-----	-----	-----
0103 CORN-----	2,762	11	2,751	-----	-----	-----	-----	-----
0105 RICE-----	8,315	8,172	121	-----	77	-----	-----	-----
0106 SOYBEAN GRAINS-----	222	-----	222	-----	-----	-----	-----	-----
0107 WHEAT-----	16	12	4	-----	-----	-----	-----	-----
0111 SOYBEANS-----	7,832	20	7,812	80	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	9,444	6,051	517	2,876	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	3,436	1,690	1,281	113	352	-----	-----	-----
0122 HAY AND FODDER-----	129	-----	-----	-----	129	-----	-----	-----
0129 FIELD CROPS, NEC-----	10,139	9,095	824	220	-----	-----	-----	-----
0131 FRESH FRUITS-----	27,476	10,833	13,320	3,302	21	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	401,963	401,823	60	71	-----	-----	-----	-----
0133 COFFEE-----	116,539	85,462	11,083	10,704	200	-----	-----	-----
0134 COCOA BEANS-----	37,465	14,885	897	17,285	304	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	68,236	29,515	8,163	23,886	6,672	-----	-----	-----
0151 LIVE ANIMALS-----	257	41	140	-----	17	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	35,000	21,210	12,401	50	863	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	17,990	16,500	1,335	-----	137	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	53,316	52,445	442	-----	433	-----	-----	-----
0841 FOREST PRODUCTS, NEC-----	36,976	31,251	2,743	72	2,917	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	60,401	41,272	11,660	52	7,417	-----	-----	-----
0912 SHELLFISH, EXCEPT SHELLFISH-----	37,186	32,505	2,783	20	1,078	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	240	186	54	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	75	60	15	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	15,821	14,739	1,072	-----	11	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	320	-----	320	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	7,540	2,860	5,083	-----	81	-----	-----	-----
1121 COAL AND LIGNITE-----	449,593	182	449,182	-----	259	-----	-----	-----
1311 CRUDE PETROLEUM-----	69	-----	69	-----	-----	-----	-----	-----
1411 LIMESTONE-----	2,368	-----	2,368	-----	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	8,453	-----	8,453	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	57,436	53,645	3,130	192	46	-----	-----	-----
1491 CLAY-----	18,032	15,767	2,056	-----	174	-----	-----	-----
1471 PHOSPHATE ROCK-----	306	76	230	-----	-----	-----	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	19	19	-----	-----	-----	-----	-----	-----
1491 SALT-----	211,145	107,517	610	-----	12,768	-----	-----	-----



NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1492 SULPHUR, DRY-----	614	-----	488	3	3	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	16,833	15,994	731	-----	186	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	109,310	92,602	11,453	-----	1,672	-----	-----	3,591
1911 ORDNANCE AND ACCESSORIES-----	2,977	1,680	1,297	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	85,919	26,193	49,995	-----	9,731	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	114,364	96,556	3,718	11	14,079	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	29,220	-----	29,740	80	400	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	20,066	3,358	16,001	707	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	105,720	96,520	3,883	-----	5,357	-----	-----	-----
2022 DRIED MILK AND CREAM-----	24,162	1,264	21,155	152	1,586	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	60,749	65,951	2,675	163	960	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	224,151	202,193	11,212	4,397	6,149	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	296,821	254,072	25,184	11,475	6,090	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	2,424	15,948	2,220	-----	204	-----	-----	-----
2042 ANIMAL FEEDS-----	107,970	75,191	25,621	4,481	2,607	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	3,462	1,174	1,854	31	401	-----	-----	-----
2061 SUGAR-----	16,895	15	308	13,699	2,873	-----	-----	-----
2062 MOLASSES-----	779,479	679,274	21,954	2,522	76,129	-----	-----	-----
2091 VEGETABLE OILS, WARG, SHORT-----	276,433	196,763	8,952	142	10,039	-----	-----	60,537
2092 ANIMAL OILS AND FATS, NEC-----	2,233	2,211	22	-----	-----	-----	-----	-----
2094 GROCERIES-----	467	-----	-----	-----	467	-----	-----	-----
2095 ICE-----	77,182	77,182	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	305,521	104,214	46,041	12,394	52,950	-----	-----	-----
2111 TORANCO MANUFACTURES-----	2,857	734	1,326	597	200	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	150,517	110,991	29,817	433	9,276	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	9,271	8,604	35	2	630	-----	-----	-----
2311 APPAREL-----	119,580	111,988	3,363	1,061	3,185	-----	-----	-----
2411 LOGS-----	10,173	594	9,579	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	2,169	69	2,000	-----	13	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	1,865	1,864	1	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	906	205	698	3	-----	-----	-----	-----
2421 LUMBER-----	252,733	223,826	28,755	110	34	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	6,565	5,399	1,017	-----	189	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	34,424	30,989	2,895	58	482	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	138,483	119,676	9,614	160	4,093	-----	-----	-----
2611 PULP-----	4,255	454	3,968	-----	3	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	29,459	1,100	24,996	-----	3,853	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	150,346	109,602	27,115	1,040	16,589	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	47,656	24,110	16,098	1,992	5,456	-----	-----	-----
2711 PRINTED MATTER-----	75,453	57,689	15,313	14	2,437	-----	-----	-----
2810 SODIUM HYDROXIDE-----	4,668	-----	-----	-----	-----	-----	-----	4,668
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	56,524	52,901	1,623	-----	-----	-----	-----	-----
2912 DYES, PIGMENT, TANNING MATS-----	4,561	4,564	-----	-----	17	-----	-----	-----
2913 ALCOHOLS-----	37,604	27,949	6,593	126	2,936	-----	-----	-----
2916 RADIOACTIVE MATERIALS, WASTES-----	1,353	3	1,350	-----	-----	-----	-----	-----
2917 BENZENE AND TOLUENE-----	5,669	-----	144	-----	5,525	-----	-----	-----
2918 SULPHURIC ACID-----	4,020	-----	4,000	-----	20	-----	-----	-----
2919 BASIC CHEMICALS AND PROD, NEC-----	452,167	288,231	84,034	51,499	26,403	-----	-----	-----
2921 PLASTIC MATERIALS-----	301,220	157,602	136,802	101	6,635	-----	-----	-----
2922 SYNTHETIC RUBBER-----	16,453	5,430	10,474	20	520	-----	-----	-----
2923 SYNTHETIC (MAN-MADE) FIBERS-----	17,558	12,423	4,343	-----	792	-----	-----	-----
2931 DRUGS-----	43,695	32,595	9,105	171	1,624	-----	-----	-----
2981 SOAP-----	70,501	34,006	24,499	399	12,597	-----	-----	-----
2991 PAINTS-----	90,251	77,748	10,521	112	1,870	-----	-----	-----
2992 GUM AND GUM CHEMICALS-----	3,063	1,536	1,005	42	398	-----	-----	-----
2997 NITROGENOUS CHEM FERTILIZERS-----	2,456	1,058	1,348	-----	-----	-----	-----	-----
2998 POTASSIC CHEM FERTILIZERS-----	1,303	1,073	44	-----	196	-----	-----	-----
2999 PHOSPHATIC CHEM FERTILIZERS-----	23	-----	-----	-----	23	-----	-----	-----
2996 INSECTICIDES, DISINFECTANTS-----	19,186	10,199	8,847	-----	180	-----	-----	-----
2997 FERTILIZER AND MATERIALS, NEC-----	4,069	3,110	959	-----	-----	-----	-----	-----
2999 MISCELLANEOUS CHEMICAL PROD-----	78,811	26,920	50,918	497	476	-----	-----	-----
2991 GASOLINE-----	1,850,102	214,167	1,071	247,663	546,962	1,985	161,041	677,213
2992 JET FUEL-----	108,295	-----	-----	-----	102,555	-----	1,511	4,229
2993 KEROSENE-----	30,099	3	147	-----	11,631	-----	6,107	16,211
2994 DISTILLATE FUEL OIL-----	1,280,713	76,957	34	241,575	234,086	-----	91,560	636,581
2995 RESIDUAL FUEL OIL-----	1,350,183	264,839	54	25,519	53,954	-----	5,762	1,004,955
2996 LUBRICATING OILS AND GREASES-----	94,096	6,392	24,532	58,326	478	-----	-----	4,364
2997 NAPHTHA, PETROLEUM SOLVENTS-----	2,743	1,421	1,104	-----	210	-----	-----	-----
2998 ASPHALT, TAR, AND BITUMENS-----	17,869	16,619	1,123	11	116	-----	-----	-----
2999 COKE, PETROLEUM COKE-----	177	2	175	-----	-----	-----	-----	-----
2991 LIQUEFIED GASES-----	2,510	203	2,214	22	39	-----	-----	-----
2992 ASPHALT BUILDING MATERIALS-----	1,544	-----	1,500	-----	44	-----	-----	-----
2993 PETROLEUM AND COAL PROD, NEC-----	23,042	16,455	1,766	-----	2,816	-----	-----	3
3011 RUBBER AND MISC PLASTIC PROD-----	220,264	185,857	22,518	696	11,193	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	89,600	67,391	15,714	80	6,207	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	134,825	115,037	12,887	-----	6,901	-----	-----	-----
3241 BUILDING CEMENT-----	271,399	267,530	3,338	-----	531	-----	-----	-----
3241 STRUCTURAL CLAY PRODUCTS-----	154,349	124,384	6,679	452	20,034	-----	-----	-----
3271 LIME-----	112	94	58	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	97,430	90,049	510	49	6,822	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	97,749	85,780	18,291	125	1,553	-----	-----	-----
3311 PIG IRON-----	12,375	-----	12,375	-----	-----	-----	-----	-----
3312 SLAG-----	101	-----	-----	13	84	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	119,282	116,882	354	-----	86	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	197,450	184,833	4,848	1,106	6,896	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	32,690	303	29,382	945	2,880	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	28,797	23,584	4,571	92	540	-----	-----	-----
3318 FERROALLOYS-----	20,191	5,996	323	13,672	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	52,264	43,189	2,993	-----	6,172	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	35,454	26,060	6,436	-----	3,150	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	72,070	64,203	7,612	22	1,001	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	5,501	1,120	4,093	20	260	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	49,669	37,402	6,082	121	9,580	-----	-----	-----

# NEW YORK, NY, DISTRICT

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NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1995--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL		
				RECEIPTS	SHIPMENTS	
3411 FABRICATED METAL PRODUCTS-----	407,842	340,422	40,785	4,031	14,604	
3511 MACHINERY, EXCEPT ELECTRICAL-----	494,006	382,020	101,602	493	9,603	
3611 ELECTRICAL MACH AND EQUIP-----	339,097	246,213	90,032	1,922	11,930	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	652,629	495,240	36,171	76	21,092	
3721 AIRCRAFT AND PARTS-----	2,849	761	2,056		32	
3731 SHIPS AND BOATS-----	8,236	6,915	902		419	
3791 MISC TRANSPORTATION EQUIPMENT-----	25,620	2,546	3,320	5	19,449	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	158,644	112,677	45,201	73	693	
3911 MISC MANUFACTURED PRODUCTS-----	186,215	165,983	8,908	5,373	5,901	
4011 IRON AND STEEL SCRAP-----	1,024,059	211	1,023,712		136	
4012 NONFERROUS METAL SCRAP-----	47,434	3,316	94,070	46		
4022 TEXTILE WASTE, SCRAP, SHEEP-----	64,076	229	63,514		733	
4024 PAPER WASTE AND SCRAP-----	505,969		505,350			
4029 WASTE AND SCRAP, NEC-----	39,745			42	63	39,640
4112 COMMODITIES, NEC-----	1,068,922	47,725	49,112	309,999	461,946	140
9999 DEPARTMENT OF DEFENSE AND SCI-----	7,210		7,210			
TOTAL TON-MILES, 71,753,000.						

HACKENSACK RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MOUTH UPSTREAM TO NEW YORK, SUSQUEHANNA & WESTERN R. R. BRIDGE AT HACKENSACK. CONTROLLING DEPTH: 20 FEET FROM THE JUNCTION OF HACKENSACK AND PASSAIC RIVERS TO 300 FEET SOUTH OF CENTRAL RAILROAD OF NEW JERSEY BRIDGE. BALANCE OF WATERWAY RANGES FROM 10 TO 20 FEET. PROJECT DEPTH: CHANNEL, 34 FEET IN ROCK AND 32 FEET IN OTHER MATERIAL WITH TURNING BASIN 25 FEET DEEP AT UPPER END OF A POINT 2,000 FEET ABOVE THE DELAWARE, LACKAWANNA & WESTERN R. R. BRIDGE AT MARION-JERSEY CITY, THENCE 15 FEET TO HACKENSACK, ALL AT MEAN LOW WATER. PROJECT LENGTH: 16.5 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	2,311,858	1981-----	2,457,145
1977-----	2,708,363	1982-----	2,582,406
1978-----	2,769,787	1983-----	2,220,459
1979-----	2,283,897	1984-----	2,372,854
1980-----	2,663,907	1985-----	2,505,845

FREIGHT TRAFFIC, 1995

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,505,848	1,344,035	1,653	27,498	82,401	1,049,761
1121 COAL AND LIGNITE-----	1,161,417	1,098,250	-----	-----	-----	63,167
1442 SAND, GRAVEL, CRUSHED ROCK-----	355,937	240,331	-----	27,498	-----	88,109
2810 SODIUM HYDROXIDE-----	6,829	-----	-----	-----	-----	6,829
2813 ALCOHOLS-----	3,535	-----	1,653	-----	821	1,061
2819 BASIC CHEMICALS AND PROD, NEC-----	3,795	-----	-----	-----	-----	3,795
2911 GASOLINE-----	96,251	-----	-----	-----	-----	96,251
2913 KEROSENE-----	10,129	-----	-----	-----	-----	10,129
2914 DISTILLATE FUEL OIL-----	523,796	-----	-----	-----	-----	523,796
2915 RESIDUAL FUEL OIL-----	140,389	-----	-----	-----	-----	140,389
2916 LUBRICATING OILS AND GREASES-----	16	-----	-----	-----	-----	16
2918 ASPHALT, TAR, AND PITCHES-----	121,674	5,458	-----	-----	-----	116,220
4029 WASTE AND SCRAP, NEC-----	82,080	-----	-----	-----	82,080	-----
TOTAL TON-MILES, 18,808,181.						

PASSAIC RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MOUTH UPSTREAM TO GREGORY AVENUE, PASSAIC. CONTROLLING DEPTH: 20 FEET FROM THE JUNCTION OF HACKENSACK AND PASSAIC RIVERS TO C. R. R. OF N. J. BRIDGE. BALANCE OF WATERWAY RANGES BETWEEN 11 AND 15 FEET. PROJECT DEPTH: 30, 20, 16 AND 10 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 15.4 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	6,083,016	1,503	1981-----	7,958,158	-----
1977-----	6,046,350	1,443	1982-----	9,358,474	-----
1978-----	7,410,402	1,891	1983-----	7,752,336	-----
1979-----	7,253,466	-----	1984-----	6,908,977	-----
1980-----	8,310,199	-----	1985-----	7,829,253	-----

## Waterborne Commerce of the United States, 1985

PASSAIC RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	7,870,253	325,523	99,014	593,125	2,760,023	112,958	1,198,500	2,739,610
0161 ANIMALS AND PRODUCTS, NEC-----	2	2	2	-----	-----	-----	-----	-----
1051 ALUMINUM DRES, CONCENTRATES-----	2	-----	2	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	149,467	-----	-----	49,124	-----	85,587	-----	14,755
2011 MEAT, FRESH, CHILLED, FROZEN-----	12	-----	12	-----	-----	-----	-----	-----
2010 TALLOW, ANIMAL FATS AND OILS-----	100,479	-----	98,174	-----	-----	-----	-----	2,301
2021 DAIRY PRODUCTS, NEC-----	2	-----	2	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	5,365	1,969	-----	-----	-----	-----	-----	3,394
2211 BASIC TEXTILE PRODUCTS-----	6	-----	6	-----	-----	-----	-----	-----
2311 APPAREL-----	14	-----	14	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	2	-----	2	-----	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	14,970	14,970	-----	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	2	-----	2	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	13,190	-----	7,357	-----	-----	-----	-----	5,441
2818 SULPHURIC ACID-----	18,537	-----	-----	14,537	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	45,639	1,111	0	40,049	-----	-----	-----	1,530
2821 PLASTIC MATERIALS-----	24	-----	24	-----	-----	-----	-----	-----
2831 DRUGS-----	31	-----	31	-----	-----	-----	-----	-----
2841 SOAP-----	2	-----	2	-----	-----	-----	-----	-----
2872 POTASSIUM CHEM FERTILIZERS-----	21	21	-----	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	2	-----	2	-----	-----	-----	-----	-----
2911 GASOLINE-----	3,954,778	27,700	-----	224,759	1,959,741	1,297	517,446	1,223,375
2912 JET FUEL-----	14,358	-----	-----	-----	11,092	-----	-----	3,266
2913 KEROSENE-----	38,471	-----	-----	-----	14,699	-----	-----	8,273
2914 DISTILLATE FUEL OIL-----	2,602,587	-----	-----	140,646	750,057	14,149	420,674	1,207,061
2915 RESIDUAL FUEL OIL-----	266,122	34,422	-----	23,221	26,777	-----	10,264	169,434
2916 LUBRICATING OILS AND GRAFSES-----	4,401	-----	24	-----	-----	-----	4,364	49
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,580	421	-----	-----	-----	-----	-----	3,759
2918 ASPHALT, TAR, AND BITCHES-----	241,627	241,627	-----	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	8,421	560	-----	-----	-----	7,518	-----	343
3011 RUBBER AND MISC PLASTIC PROD-----	21	-----	21	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	1	1	-----	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	118,558	-----	0	107,020	-----	11,525	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	2	-----	2	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	213	213	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2	-----	2	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	39	-----	39	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	214	-----	214	-----	-----	-----	-----	-----
3513 ELECTRICAL MACH AND EQUIP-----	208	100	104	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	104	-----	103	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2	-----	2	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	164	5	163	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	228,513	-----	-----	-----	-----	224,513	-----	-----
4112 COMMODITIES, NE-----	10	-----	10	-----	-----	-----	-----	-----
4999 DEPARTMENT OF DEFENSE AND SCT-----	32	-----	32	-----	-----	-----	-----	-----
TOTAL TON-MILES, 13,915,016.								

NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MAIN SHIP CHANNEL NORTHWEST OF SANDY HOOK THROUGH LOWER NEW YORK BAY, RARITAN BAY, PERTH AMBOY ANCHORAGE, ARTHUR KILL AND KILL VAN KULL TO UPPER NEW YORK BAY, CONTROLLING DEPTH: 35 FEET FROM A JUNCTION WITH MAIN SHIP CHANNEL TO VICINITY OF TOTTENVILLE 37 FEET IN PERTH AMBOY ANCHORAGE; BALANCE OF WATERWAY RANGES FROM 20 TO 35 FEET. PROJECT DEPTH: 37 FEET IN ROCK AND 35 FEET IN SOFT MATERIAL THROUGHOUT, EXCEPT IN CHANNEL SOUTH OF SHOOTERS ISLAND WHERE THE DEPTH WILL BE 30 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 30.8 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD-FREIGHT LAWS			
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
				EMPTY	LOADED	EMPTY	LOADED
1976-----	103,067,402	24,450	27,063,005	1,984	1,845	3,504	251
1977-----	105,699,616	24,151	24,463,206	714	943	1,291	206
1978-----	106,569,826	30,340	27,405,200	383	105	-----	49
1979-----	93,901,689	31,920	24,371,720	445	455	0	457
1980-----	95,974,421	66,240	24,648,113	-----	-----	-----	-----
1981-----	90,446,022	73,120	24,786,611	-----	-----	-----	-----
1982-----	89,250,440	81,540	24,936,095	-----	-----	-----	-----
1983-----	86,948,163	93,826	23,549,266	-----	-----	-----	-----
1984-----	91,012,606	10,060	25,309,538	-----	-----	-----	-----
1985-----	85,050,408	11,120	27,320,035	-----	-----	-----	-----

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	85,050,394	12,553,982	678,566	10,104,918	20,031,566	910,312	9,504,334	27,135,716
0102 BARLEY AND RYE-----	79	-----	79	-----	-----	-----	-----	-----

## NEW YORK, NY, DISTRICT

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NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
0103 CORN-----	6,316		6,316					
0105 RICE-----	43	43						
0106 SORGHUM GRAINS-----	524		522		2			
0107 WHEAT-----	38		38					
0111 SOYBEANS-----	110		110					
0119 OILSEEDS, NEC-----	943	155	788					
0121 TOBACCO, LEAF-----	3,882	1,884	1,998					
0129 FIELD CROPS, NEC-----	2,083	1,673	410					
0131 FRESH FRUITS-----	649	256	413					
0132 BANANAS AND PLANTAINS-----	93	93						
0133 COFFEE-----	45,683	44,874	1,109					
0134 COCOA BEANS-----	1,106	1,106						
0141 FRESH AND FROZEN VEGETABLES-----	24,817	4,077	20,740					
0161 ANIMALS AND PRODUCTS, NEC-----	6,105	5,290	815					
0191 MISCELLANEOUS FARM PRODUCTS-----	5,343	5,136	207					
0841 CRUDE RUBBER AND ALLIED GUMS-----	3,640	3,374	266					
0861 FOREST PRODUCTS, NEC-----	3,139	2,643	496					
0911 FRESH FISH, EXCEPT SHELLFISH-----	3,621	2,972	649					
0912 SHELLFISH, EXCEPT PREPARED-----	10,151	10,026	125					
0931 MARINE SHELLS, UNMANUFACTURED-----	49	4	45					
1051 ALUMINUM DRES, CONCENTRATES-----	366	184	182					
1091 NONFERROUS DRES, CONCENT, NEC-----	1,032	656	376					
1121 COAL AND LIGNITE-----	19		19					
1311 CRUDE PETROLEUM-----	6,982,492	2,573,990		3,523,620				884,882
1412 BUILDING STONE, UNWORKED-----	785		741					
1442 SAND, GRAVEL, CRUSHED ROCK-----	856,006	117	113	171,243	6	588,684		95,643
1451 CLAY-----	276,540	275,211	1,337					
1471 PHOSPHATE ROCK-----	41		81					
1491 SALT-----	131,837	131,008	829					
1492 SULPHUR, DRY-----	246		246					
1494 GYPSUM, CRUDE AND PLASTERS-----	111	37	74					
1499 NONMETALLIC MINERALS, NEC-----	10,353	5,051	5,302					
1911 DRUMAGE AND ACCESSORIES-----	504	298	191		15			
2011 MEAT, FRESH, CHILLED, FROZEN-----	10,375	4,509	6,066					
2012 MEAT AND PRODUCTS, NEC-----	15,901	15,019	882					
2014 TALLOW, ANIMAL FATS AND OILS-----	6,565		6,565					
2015 ANIMAL BY-PRODUCTS, NEC-----	1,030	552	478					
2021 DAIRY PRODUCTS, NEC-----	9,329	9,299	30					
2022 DRIED MILK AND CREAM-----	5,416	1	5,415					
2031 FISH AND SHELLFISH, PREPARED-----	17,541	17,522	19					
2034 VEGETABLES AND PREP, NEC-----	32,160	31,389	777					
2039 PREP FRUIT AND VEG JUICE, NEC-----	35,110	34,089	1,036					
2041 WHEAT FLOUR AND SEMOLINA-----	72		68		4			
2042 ANIMAL FEEDS-----	5,309	1,075	3,328		6			
2049 GRAIN MILL PRODUCTS, NEC-----	9,153	5,914	3,239					
2091 SUGAR-----	93	15	78					
2092 MOLASSES-----	22,007	19,945						2,062
2091 ALCOHOLIC BEVERAGES-----	128,283	124,647	2,689		747			
2091 VEGETABLE OILS, MARG, SHORT-----	120,524	56,077	1,736		7,079			55,632
2092 ANIMAL OILS AND FATS, NEC-----	1,456	356	1,100					
2095 ICE-----	1,010	1,010						
2099 MISCELLANEOUS FOOD PRODUCTS-----	52,210	46,315	5,004		891			
2111 TOBACCO MANUFACTURES-----	515	99	416					
2211 BASIC TEXTILE PRODUCTS-----	42,635	34,530	7,937		168			
2212 TEXTILE FIBERS, NEC-----	1,078	1,063	15					
2311 APPAREL-----	29,032	28,429	603					
2411 LOGS-----	6,316	539	5,777					
2413 FUEL WOOD, CHARCOAL, WASTES-----	750		750					
2418 WOOD CHIPS, STAVES, HOLDINGS-----	87	37	50					
2421 LUMBER-----	13,188	2,620	10,568		3			
2431 VENEER, PLYWOOD, WORKED WOOD-----	3,344	2,756	628					
2491 WOOD MANUFACTURES, NEC-----	6,839	6,540	297		2			
2511 FURNITURE AND FIXTURES-----	35,134	33,624	1,097		411			
2611 PULP-----	695	158	537					
2621 STANDARD NEWSRINT PAPER-----	4,166	185	3,981					
2631 PAPER AND PAPERBOARD-----	21,508	15,221	6,282		5			
2691 PULP AND PAPER PRODUCTS, NEC-----	6,394	3,037	2,535		822			
2711 PRINTED MATTER-----	10,181	6,555	3,626					
2810 SODIUM HYDROXIDE-----	162,512			131,032	15,637			15,023
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	87,762	16,460	195	44,279				26,420
2812 DYES, PIGMENT, TANNING MATS-----	550		550					
2813 ALCOHOLS-----	420,602	187,375	1,566	197,926	17,494			4,982
2816 RADIOACTIVE MATERIALS, WASTES-----	26		26					
2817 BENZENE AND TOLUENE-----	51,739	3,115	15	18,106	1,171			29,332
2818 SULPHURIC ACID-----	49,750			49,750				
2819 BASIC CHEMICALS AND PROD, NEC-----	1,356,974	703,030	28,160	574,960	23,127			33,607
2821 PLASTIC MATERIALS-----	57,711	29,636	28,068		5			
2822 SYNTHETIC RUBBER-----	2,665	219	2,446					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,503	589	1,914					
2831 DRUGS-----	5,517	4,287	1,056		174			
2841 SOAP-----	20,551	13,241	7,126		184			
2851 PAINTS-----	17,417	16,293	1,062		102			
2861 GUM AND WOOD CHEMICALS-----	1,574	1,569	65					
2871 NITROGENOUS CHEM FERTILIZERS-----	1,589	1,569	20					
2872 POTASSIC CHEM FERTILIZERS-----	124	80	44					
2876 INSECTICIDES, DISINFECTANTS-----	19,469	17,361	1,932		176			
2879 FERTILIZER AND MATERIALS, NEC-----	87	8	79					
2891 MISCELLANEOUS CHEMICAL PROD-----	314,414	263,843	20,045	30,523	3			
2911 GASOLINE-----	24,392,481	2,822,486	320	3,114,967	8,946,472	15,647	2,003,439	7,049,180
2912 JET FUEL-----	2,148,313	296,817	15,113	810,517	733,430		169,610	143,617
2913 KEROSENE-----	753,614	1,420	114	65,921	331,442		165,649	189,466
2914 DISTILLATE FUEL OIL-----	18,223,321	375,827		4,537,947	4,348,744	16,178	1,041,897	7,083,078
2915 RESIDUAL FUEL OIL-----	18,540,137	2,495,467	71,746	3,950,629	3,656,440	2,536	1,020,021	7,172,240

## Waterborne Commerce of the United States, 1985

NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2916 LUBRICATING OILS AND GREASES-----	613,361	23,358	7,637	478,213	16	-----	-----	30,13
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,036,081	675,277	115	508,428	326,775	-----	-----	925,48
2918 ASPHALT, TAR, AND PITCHES-----	1,955,851	161,369	27	10,130	1,519,520	-----	91,653	168,94
2920 COKE, PETROLEUM COKE-----	1	1	-----	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	143,305	143,214	89	-----	2	-----	-----	-----
2951 ASPHALT BUILDING MATERIAL-----	461	-----	461	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD. NEC-----	19,430	6,579	706	2,073	2,112	-----	-----	7,96
3011 RUBBER AND MISC PLASTIC PROD-----	36,700	33,253	5,005	-----	442	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	36,701	37,701	997	-----	3	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	13,962	12,896	1,437	-----	49	-----	-----	-----
3241 BUILDING CEMENT-----	339,135	31,924	11	-----	11,133	296,067	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	11,703	10,600	868	-----	35	-----	-----	-----
3271 LIME-----	20	-----	20	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	3,333	3,229	104	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	33,847	31,982	1,033	-----	32	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	19	15	4	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	6,990	6,037	153	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	19,467	-----	19,467	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	2,632	2,351	271	-----	10	-----	-----	-----
3318 FERROALLOYS-----	2,194	-----	2,194	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	11,513	10,916	697	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	12,765	11,229	1,536	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	9,303	8,667	562	-----	54	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	4,488	329	4,119	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	5,706	5,086	620	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	106,162	95,186	8,731	-----	245	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	79,181	64,904	13,173	1,000	104	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	68,527	60,605	7,884	-----	38	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	49,242	42,745	6,119	-----	378	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	219	41	178	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	972	765	185	-----	22	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	2,577	1,053	1,496	-----	28	-----	-----	-----
3811 INSTR., TIME, PHOTO, OPT GOODS-----	13,699	8,564	5,061	-----	74	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	34,586	33,049	1,433	-----	64	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	31,851	-----	31,851	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	16,303	84	16,209	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	12,256	1,119	11,137	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	145,087	-----	145,087	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	3,454,349	-----	-----	-----	-----	646,500	-----	2,807,86
4111 WATER-----	313	-----	-----	-----	-----	-----	-----	313
4112 COMMODITIES, NEC-----	38,402	5,454	10,400	5,784	15,835	-----	-----	849
9999 DEPARTMENT OF DEFENSE AND SCI-----	684	-----	684	-----	-----	-----	-----	-----
TOTAL TON-MILES, 1,100,687,094.								

RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM RARITAN RIVER CHANNEL OFF SOUTH AMBOY TO THE SOUTHERLY END OF ARTHUR KILL CHANNEL. CONTROLLING DEPTH: (1971) 18 FEET MEAN LOW WATER. PROJECT DEPTH: 20 FEET MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	THROUGH TRAFFIC (TONS)	YEAR	THROUGH TRAFFIC (TONS)
1976-----	3,119,708	1981-----	3,656,181
1977-----	2,941,892	1982-----	3,261,004
1978-----	2,965,226	1983-----	2,839,124
1979-----	2,187,388	1984-----	2,778,114
1980-----	2,906,336	1985-----	2,776,696

NEW YORK HARBOR, N. Y. LOWER ENTRANCE CHANNELS

SECTION INCLUDED: AMBROSE, MAINSHIP, BAYSIDE, AND SANDY HOOK CHANNELS. CONTROLLING DEPTH: (1973) AMBROSE CHANNEL, 45 FEET; (1972) MAINSHIP CHANNEL, 30 FEET; (1973) BAYSIDE AND SANDY HOOK CHANNELS, 35 FEET. PROJECT DEPTH: AMBROSE CHANNEL, 45 FEET, 13.6 MILES; BAYSIDE AND SANDY HOOK CHANNELS, 35 FEET, 4.3 MILES; MAINSHIP CHANNEL, 30 FEET, 5.2 MILES. ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	FOREIGN (TONS)	COASTWISE (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	FOREIGN (TONS)	COASTWISE (TONS)	TOTAL (TONS)	PASSENGERS
1976-----	63,124,574	50,958,222	114,082,796	307,922	1981-----	50,119,164	40,825,634	90,944,798	-----
1977-----	70,379,025	50,010,265	120,289,290	145,591	1982-----	45,421,290	39,691,461	85,112,751	-----
1978-----	65,732,645	52,681,471	118,414,116	153,737	1983-----	40,760,716	39,152,960	79,913,676	-----
1979-----	60,600,599	45,717,960	106,318,559	-----	1984-----	39,362,676	39,953,368	79,316,044	-----
1980-----	53,713,516	45,266,054	98,979,570	-----	1985-----	52,060,720	38,463,280	90,524,000	-----

## NEW YORK, NY, DISTRICT

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CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE  
PORT OF NEW YORK

(NET TRAFFIC, ELIMINATING ALL KNOWN DUPLICATIONS)

## COMPARATIVE STATEMENT

(SHORT TONS)

YEAR	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1930	110,697,688	13,479,929	5,926,044	28,554,604	7,606,499	3,604,260	2,584,233	40,960,119
1931	121,517,420	14,858,639	8,065,031	30,891,845	7,987,763	4,276,170	2,480,924	52,987,040
1932	111,310,229	11,963,021	6,663,303	30,911,353	7,074,593	4,389,879	2,057,952	48,249,729
1933	123,306,596	13,557,616	7,872,621	34,410,500	7,216,324	5,405,166	2,432,227	51,924,322
1934	129,712,184	12,835,225	10,413,062	33,920,944	8,354,356	4,632,566	2,555,262	57,180,771
1935	139,597,449	21,665,727	13,674,944	34,238,217	8,797,535	4,221,154	3,904,425	53,891,449
1936	101,880,786	9,351,036	11,148,843	11,627,193	4,196,560	5,090,934	1,119,288	55,346,932
1937	111,813,422	15,119,544	20,406,813	6,668,141	9,082,497	2,719,371	1,258,044	56,559,706
1938	110,282,139	15,203,964	21,164,414	6,086,512	9,557,574	2,017,575	974,020	55,277,674
1939	103,962,023	14,484,592	17,178,203	9,813,440	8,434,263	2,173,763	1,624,356	50,257,466
1940	108,553,342	13,675,073	9,159,021	26,351,708	8,247,301	2,266,844	1,859,635	46,995,660
1941	135,373,124	16,210,961	15,533,408	34,363,440	8,446,324	2,626,857	3,244,505	51,123,155
1942	137,648,956	19,674,027	10,259,918	42,364,433	9,952,168	3,117,731	3,422,903	49,869,120
1943	127,952,821	20,319,604	9,280,512	38,617,194	7,428,857	3,285,848	3,257,687	45,348,059
1944	144,943,550	25,481,429	7,001,064	45,391,774	8,729,265	3,406,371	4,027,750	50,565,802
1945	151,786,784	25,157,156	9,803,347	45,736,662	9,705,031	5,007,423	4,317,515	52,019,610
1946	140,419,198	27,794,540	8,099,414	41,773,378	9,701,002	4,679,261	4,395,775	44,060,934
1947	119,395,118	24,837,891	6,720,527	42,964,567	10,333,731	3,916,931	4,114,081	42,507,374
1948	137,353,454	24,379,760	7,077,334	41,405,031	9,702,114	5,779,037	3,407,033	42,313,135
1949	148,848,131	30,275,678	4,623,803	47,320,456	10,374,420	5,333,907	3,440,561	48,061,120
1950	150,704,301	31,645,792	6,165,007	44,476,420	11,356,149	5,497,900	4,212,434	47,921,479
1951	147,536,444	32,011,981	6,991,303	41,509,448	10,981,811	5,298,193	3,913,376	43,427,336
1952	145,531,300	30,437,067	7,037,607	40,764,437	12,045,045	4,697,642	3,640,533	42,068,799
1953	154,155,873	39,148,504	6,804,463	43,643,007	13,582,417	5,378,500	3,436,967	41,603,724
1954	153,144,620	37,455,276	7,584,411	42,412,316	13,775,107	4,404,232	3,761,119	43,314,157
1955	144,764,869	34,670,332	6,918,437	45,465,352	12,674,479	4,079,129	3,911,690	37,040,850
1956	154,476,480	34,544,058	7,060,952	43,280,212	11,161,910	6,203,810	4,327,672	41,898,662
1957	154,772,656	40,015,426	7,224,004	43,294,456	14,214,371	5,961,364	4,570,719	39,479,313
1958	149,150,611	41,351,034	7,704,677	39,089,972	14,353,158	5,425,553	4,254,587	36,971,624
1959	153,430,414	47,524,265	6,801,408	32,814,365	16,391,562	4,638,342	4,024,667	49,726,409
1960	157,071,892	49,944,206	7,194,432	31,373,304	14,960,764	4,982,442	5,319,716	41,257,103
1961	147,548,704	40,284,036	6,979,401	29,463,505	19,634,755	5,356,788	6,544,662	50,285,467
1962	174,794,749	53,584,562	6,766,764	28,316,174	21,076,003	5,653,345	14,011,956	45,364,901
1963	171,244,008	54,260,716	5,417,340	29,081,366	21,007,525	6,260,723	14,076,677	46,339,661
1964	174,008,104	50,792,115	7,159,479	35,015,524	18,098,470	6,717,547	13,482,240	41,462,017
1965	181,024,655	44,355,655	5,590,124	37,198,267	24,625,132	7,031,893	15,294,756	44,929,459
1966	194,842,857	54,149,911	5,404,515	36,420,738	20,849,290	6,597,729	16,067,310	54,429,344
1967	216,896,434	72,791,079	6,748,742	32,943,199	27,490,498	7,498,063	19,075,450	55,519,475
1968	195,095,611	54,665,637	7,462,062	33,810,481	22,469,129	6,269,873	17,324,184	48,444,252
1969	177,814,614	44,965,523	6,725,527	32,991,272	21,696,036	5,825,387	16,450,104	46,960,749
1970	179,546,743	53,291,796	6,245,913	32,471,744	24,092,137	5,397,384	15,610,002	42,077,779
1971	145,292,125	60,021,097	5,606,919	32,175,110	25,099,262	3,454,847	14,608,109	43,750,781
1972	146,733,145	55,023,386	6,093,481	34,040,099	24,536,075	3,931,728	15,473,463	45,534,553
1973	143,620,900	40,499,336	6,756,922	26,657,600	21,492,623	4,096,044	5,506,353	39,520,020
1974	146,991,229	42,715,042	7,476,564	26,503,691	24,842,954	4,535,010	16,217,172	44,660,787
1975	156,551,936	41,430,329	6,414,330	24,266,720	25,533,279	2,720,020	14,936,031	40,855,227
1976	149,255,276	34,005,052	5,665,144	24,945,424	26,926,272	3,731,671	14,935,839	35,453,874
1977	147,507,246	40,913,539	5,357,275	24,046,359	25,450,161	3,683,025	13,346,764	34,091,321
1978	161,678,654	47,349,074	5,381,174	27,190,440	27,469,646	3,842,474	13,610,306	34,453,134
1979	162,053,796	43,174,344	5,812,524	26,813,424	27,542,464	3,010,901	12,776,169	32,921,164

## FREIGHT TRAFFIC, 1945

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	152,053,796	43,174,344	5,812,524	26,813,426	27,542,464	3,010,901	12,776,169	32,921,164
0101 COTTON, RAW-----	637	45	85	424	13			
0102 BARLEY AND RYE-----	1,084	425	663					
0103 CORN-----	9,927	14	9,913					
0105 RICE-----	6,958	8,015	121		22			
0106 SORGHUM GRAINS-----	746		746		2			
0107 WHEAT-----	54	14	40					
0111 SOYBEANS-----	7,945	20	7,977	48				
0119 OILSEEDS, NFC-----	11,993	7,640	1,367	2,876				
0121 TOBACCO, LEAF-----	9,145	5,416	3,304	113	352			
0122 HAY AND FODDER-----	129				129			
0124 FIELD CROPS, NEC-----	14,741	17,291	1,270	224				
0131 FRESH FRUITS-----	30,477	12,448	14,706	3,302	21			
0132 BANANAS AND PLANTAINS-----	629,435	629,495	69	71				
0133 COFFEE-----	350,496	317,467	13,035	19,704	290			
0134 COCOA BEANS-----	49,114	30,536	899	17,285	309			
0141 FRESH AND FROZEN VEGETABLES-----	102,424	41,492	30,378	23,486	6,672			

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE  
PORT OF NEW YORK--CONTINUED

FREIGHT TRAFFIC, 1945--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0151 LIVE ANIMALS	283	117	149		17			
0161 ANIMALS AND PRODUCTS, NEC	54,083	37,150	16,933	3A	863			
0191 MISCELLANEOUS FARM PRODUCTS	23,812	22,11A	1,557		137			
0841 CRUDE RUBBER AND ALLIED GUMS	62,655	81,220	1,002		833			
0861 FOREST PRODUCTS, NEC	72,765	55,618	8,170		2,910			
0911 FRESH FISH, EXCEPT SHELLFISH	72,775	52,116	13,200		7,817			
0912 SHELLFISH, EXCEPT PREPARED	69,478	60,195	3,385		1,87A			
0931 MARINE SHELLS, UNMANUFACTURED	333	230	103					
1011 IRON ORE AND CONCENTRATES	4,731	60	71		4,600			
1051 ALUMINUM ORES, CONCENTRATES	18,030	16,712	1,307		11			
1061 MANGANESE ORES, CONCENTRATES	400		400					
1091 NONFERROUS ORES, CONCENT, NEC	11,500	5,008	5,704		41			
1121 COAL AND LIGNITE	1,612,660	180	450,800	1,098,250	259			63,167
1311 CRUDE PETROLEUM	10,624,263	5,446,810	69	8,138,039				995,168
1411 LIMESTONE	3,056	20	3,036					
1412 BUILDING STONE, UNWORKED	8,931		8,927		4			
1442 SAND, GRAVEL, CRUSHED ROCK	4,627,370	54,624	6,782	1,735,272		2,413,295	11,334	487,520
1451 CLAY	299,017	243,790	5,044		179			
1471 PHOSPHATE ROCK	412	76	336					
1479 NATURAL FERTILIZER MATS, NEC	19	19						
1491 SALT	440,107	425,204	2,045		12,748			
1492 SULPHUR, DRY	1,344		1,33A		3			
1494 GYPSUM, CRUDE AND PLASTERS	17,273	16,10A	1,050		106			
1499 NONMETALLIC MINERALS, NEC	171,912	142,956	22,793		1,672			4,491
1911 ORNANCE AND ACCESSORIES	5,817	3,004	2,754		15			
2011 MEAT, FRESH, CHILLED, FROZEN	105,416	36,400	58,836		9,731			
2012 MEAT AND PRODUCTS, NEC	142,403	123,17A	5,135		10,070			
2014 TALLOW, ANIMAL FATS AND OILS	103,797		141,016		80			2,381
2015 ANIMAL BY-PRODUCTS, NEC	31,414	8,962	21,745		707			
2021 DAIRY PRODUCTS, NEC	127,969	116,505	6,007		5,357			
2022 DRIED MILK AND CREAM	32,213	1,45A	29,017		152			
2031 FISH AND SHELLFISH, PREPARED	105,120	98,000	3,107		153			
2034 VEGETABLES AND FRUIT, NEC	320,045	304,000	16,204	4,597	6,108			
2039 PEEL FRUIT AND VEG JUICE, NEC	474,741	430,815	30,301	11,075	6,000			
2041 WHEAT FLOUR AND SEMOLINA	3,110		2,002		208			
2042 ANIMAL FEEDS	70,041	1A,810	53,147		117			
2049 GRAIN MILL PRODUCTS, NEC	143,67A	102,15A	30,352	4,481	2,687			
2061 SUGAR	1,002,316	901,960	0,487	115,46A	401			
2062 MOLASSES	44,202	19,967	543	13,699	7,01A			2,062
2081 ALCOHOLIC BEVERAGES	1,057,009	951,687	25,964	2,522	76,876			
2091 VEGETABLE OILS, MARG, SHORT	410,729	320,780	14,741	102	17,11A			8A,98A
2092 ANIMAL OILS AND FATS, NEC	5,271	0,121	1,150					
2094 GROCERIES	467				447			
2095 ICE	81,808	81,808						
2099 MISCELLANEOUS FOOD PRODUCTS	479,036	347,395	70,446	12,308	53,809			
2111 TORACCO MANUFACTURES	3,681	1,005	1,879		201			
2211 BASIC TEXTILE PRODUCTS	265,436	207,388	48,161	833	9,404			
2212 TEXTILE FIBERS, NEC	10,412	10,12A	52		630			
2311 APPAREL	179,008	169,001	5,761	1,061	5,185			
2411 LOGS	17,20A	1,747	15,461					
2413 FUEL WOOD, CHARCOAL, WASTES	5,169	01	5,065		13			
2414 TIMBER, POLES, PILES, PILING	1,94C	1,979	3					
2416 WOOD CHIPS, STAVES, MOULDINGS	1,049	29A	74A		3			
2421 LUMBER	347,80A	305,105	42,58A	11A	37			
2431 VENEER, PLYWOOD, WORKED WOOD	17,347	15,20A	1,900		140			
2491 WOOD MANUFACTURES, NEC	50,30A	46,147	3,617	5A	88A			
2511 FURNITURE AND FIXTURES	252,045	229,043	14,338	150	9,408			
2611 PULP	16,450	5,607	0,800		3			
2621 STANDARD PAPER	37,400	1,460	32,52A		3,853			
2631 PAPER AND PAPER PRODUCTS, NEC	233,780	154,111	62,035	1,080	14,504			
2691 PULP AND PAPER PRODUCTS, NEC	67,509	36,821	22,71A	1,992	4,27A			
2711 PRINTED MATTER	113,077	85,076	27,580		2,437			
2810 SODIUM HYDROXIDE	172,425			131,052	17,771			23,202
2811 CRUDE TAR, OIL, GAS PRODUCTS	190,730	90,931	2,177	44,270	7,952			26,420
2812 DYES, PIGMENT, TANNING MATS	7,370		7,303		17			
2813 ALCOHOLS	514,940	247,470	11,024	209,499	22,067			11,800
2816 RADIOACTIVE MATERIALS, WASTES	1,429	4	1,425					
2817 BENZENE AND TOLUENE	72,949	5,871	500	30,560	6,606			20,332
2818 SULPHURIC ACID	86,547		0,000		42,507			
2819 BASIC CHEMICALS AND PROD, NEC	2,378,173	1,467,632	150,028	471,491	51,436			37,402
2821 PLASTIC MATERIALS	437,503	230,077	200,6A5	101	4,608			
2822 SYNTHETIC RUBBER	27,741	5,442	21,370		520			
2823 SYNTHETIC (MANMADE) FIBERS	27,683	18,275	4,610		702			
2831 DRUGS	40,653	46,854	13,030		1,908			
2841 SOAP	116,297	61,405	81,712		12,741			
2851 PAINTS	124,317	110,816	15,503	112	1,972			
2861 GUM AND WOOD CHEMICALS	6,997	0,050	1,607		308			
2871 NITROGENOUS CHEM FERTILIZERS	7,503	5,731	1,862					
2872 POTASSIUM CHEM FERTILIZERS	3,743	1,496	1,661		186			
2873 PHOSPHATIC CHEM FERTILIZERS	50		36		23			
2876 INSECTICIDES, DISINFECTANTS	42,901	25,250	16,391		316			
2879 FERTILIZER AND MATERIALS, NEC	5,277	0,048	1,220					
2891 MISCELLANEOUS CHEMICAL PROD	800,293	762,771	90,013	31,020	874			
2911 GASOLINE	34,050,231	6,606,042	1,003	8,014,947	12,164,816	13,301	3,120,548	8,028,82A
2912 JET FUEL	2,637,302	580,30A	15,113	852,209	870,382			184,209
2913 KEROSENE	1,040,653	41,83A	272	157,34F	344,877			208,450
2914 DISTILLATE FUEL OIL	22,973,470	1,027,760	34	5,555,200	5,573,688	38,882	1,727,351	9,050,855
2915 RESIDUAL FUEL OIL	30,909,702	11,747,697	71,800	8,507,434	5,744,704	2,556	1,952,167	9,493,07A
2916 LUBRICATING OILS AND GREASES	709,227	30,212	104,738	466,199	404			38,256
2917 ASPHALT, PETROLEUM SOLVENTS	2,708,767	1,309,817	1,600	511,319	342,246			527,808
2918 ASPHALT, TAR, AND BITUMENS	2,240,466	467,505	1,480	34,600	1,322,011			91,593
2920 COKE, PETROLEUM COKE	403	3	400					171,911
2921 LIQUEFIED GASES	147,857	143,649	8,145	22	81			

## NEW YORK, NY, DISTRICT

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CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE  
PORT OF NEW YORK--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2951 ASPHALT BUILDING MATERIALS-----	2,297	-----	2,253	-----	44	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	58,250	30,407	8,035	2,073	4,928	-----	8,504	6,383
3011 RUBBER AND MISC PLASTIC PROD-----	316,711	270,198	34,282	696	11,635	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	182,670	155,415	20,957	88	4,210	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	101,993	168,154	19,887	-----	6,950	-----	-----	-----
3241 BUILDING CEMENT-----	1,400,679	735,781	3,580	107,029	11,644	542,625	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	224,766	171,921	31,524	452	20,849	-----	-----	-----
3271 LIME-----	262	54	208	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	138,195	129,903	1,421	49	4,877	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	154,328	137,555	15,063	125	1,545	-----	-----	-----
3311 PIS IRON-----	12,398	-----	12,398	-----	-----	-----	-----	-----
3312 SLAG-----	101	-----	-----	13	89	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	134,305	133,767	492	-----	46	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	247,707	232,558	7,177	1,106	6,866	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	66,353	363	62,957	945	2,084	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	84,094	37,391	5,963	92	558	-----	-----	-----
3318 FERROALLOYS-----	23,387	6,493	3,022	13,472	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	74,866	62,375	6,319	-----	6,172	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	66,037	52,779	10,100	-----	3,150	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	122,544	111,460	10,011	22	1,055	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	14,453	5,752	8,421	20	260	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	74,464	60,254	10,505	121	5,548	-----	-----	-----
3411 FARMING METAL PRODUCTS-----	609,402	518,767	72,155	4,031	14,849	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	701,134	520,201	164,933	2,293	9,707	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	483,077	378,579	90,608	1,922	11,968	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	749,629	660,519	67,564	76	21,470	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	4,044	886	3,166	-----	32	-----	-----	-----
3731 SHIPS AND BOATS-----	12,444	4,505	2,984	-----	441	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	34,747	7,665	7,100	-----	19,977	-----	-----	-----
3811 INSTL, TIME, PHOTO, OPT GOODS-----	195,032	129,994	44,194	73	767	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	264,236	242,820	15,088	5,373	6,055	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	2,152,300	349	1,719,280	43,391	136	142	-----	384,802
4012 NONFERROUS METAL SCRAP-----	126,442	4,613	126,783	44	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	99,127	1,475	96,919	-----	733	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	776,367	1,074	774,393	-----	-----	-----	-----	-----
4079 WASTE AND SCRAP, NEC-----	4,247,179	-----	-----	42	5,103	-----	5,425,433	2,816,681
4111 WATER-----	1,835	-----	-----	-----	-----	-----	-----	1,835
4112 COMMODITIES, NEC-----	1,423,618	61,486	73,704	315,783	677,791	-----	-----	704,864
9999 DEPARTMENT OF DEFENSE AND SPI-----	25,619	-----	25,619	-----	-----	-----	-----	-----





# NEW YORK, NY, DISTRICT

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HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO  
WATERFORD, N. Y. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1965

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		THROUGH DOWNBOUND
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	6,971,330	3,833,733	676,200	676,093	1,560,566	6,650
0101 COTTON, RAW-----	10	10				
0103 CORN-----	171,002		171,002			
0105 RICE-----	85	85				
0107 WHEAT-----	148,457		148,457			
0119 OILSEEDS, NEC-----	506	573	13			
0121 TOBACCO, LEAF-----	1,062	1,062				
0129 FIELD CROPS, NEC-----	489		3			
0131 FRESH FRUITS-----	424	25	399			
0132 BANANAS AND PLANTAINS-----	149,632	149,632				
0133 COFFEE-----	6,867	6,536	331			
0134 COCOA BEANS-----	199	197	2			
0141 FRESH AND FROZEN VEGETABLES-----	1,551	1,110	433			
0151 LIVE ANIMALS-----	26	26				
0201 ANIMALS AND PRODUCTS, NEC-----	9,230	8,255	975			
0401 MISCELLANEOUS FARM PRODUCTS-----	277	277				
0801 CRUDE RUBBER AND ALLIED GUMS-----	2,233	2,113	120			
0801 FOREST PRODUCTS, NEC-----	5,775	5,654	121			
0911 FRESH FISH, EXCEPT SHELLFISH-----	5,049	4,117	932			
0912 SHELLFISH, EXCEPT PREPARED-----	2,308	2,039	269			
0931 MARINE SHELLS, UNMANUFACTURED-----	36	36				
1001 ALUMINUM ORES, CONCENTRATES-----	1,721	1,719	2			
1001 NONFERROUS ORES, CONCENT, NEC-----	1,326	1,210	100			
1121 COAL AND LIGNITE-----	413	42	371			
1311 CRUDE PETROLEUM-----	220,853	220,853				
1411 LIMESTONE-----	420	20	400			
1412 BUILDING STONE, UNWORKED-----	1,213		1,213			
1422 SAND, GRAVEL, CRUSHED ROCK-----	577,175	559	201	269,576	306,039	
1431 CLAY-----	2,623	2,152	471			
1471 PHOSPHATE ROCK-----	23		23			
1491 SALT-----	21,859	21,859				
1492 SULPHUR, DRY-----	641		641			
1494 GYPSUM, CRUDE AND PLASTER-----	1,234,460	1,234,359	101			
1499 NONMETALLIC MINERALS, NEC-----	1,456	1,155	303			
1911 ORDNANCE AND ACCESSORIES-----	1,608	861	747			
2011 MEAT, FRESH, CHILLED, FROZEN-----	6,349	5,004	1,345			
2012 MEAT AND PRODUCTS, NEC-----	4,106	3,629	277			
2014 TALLOW, ANIMAL FATS AND OILS-----	2,250		2,250			
2015 ANIMAL BY-PRODUCTS, NEC-----	9,040	3,956	5,084			
2021 DAIRY PRODUCTS, NEC-----	7,156	7,129	27			
2022 DRIED MILK AND CREAM-----	1,735	2	1,733			
2031 FISH AND SHELLFISH, PREPARED-----	9,642	9,501	141			
2034 VEGETABLES AND PREP, NEC-----	46,017	45,482	535			
2039 PREP FRUIT AND VEG JUICE, NEC-----	34,941	31,695	3,246			
2041 WHEAT FLOUR AND SEMOLINA-----	577		577			
2042 ANIMAL FEEDS-----	7,291	599	6,692			
2049 GRAIN MILL PRODUCTS, NEC-----	19,095	16,089	3,006			
2061 SUGAR-----	338,204	252,712	85,567			
2062 MOLASSES-----	148,232	147,995	247			
2081 ALCOHOLIC BEVERAGES-----	107,044	106,811	1,035			
2091 VEGETABLE OILS, WARE, SHORT-----	8,227	7,200	1,027			
2092 ANIMAL OILS AND FATS, NEC-----	1,205	1,200	5			
2095 ICE-----	1,669	1,669				
2099 MISCELLANEOUS FOOD PRODUCTS-----	40,559	29,551	11,008			
2111 TOBACCO MANUFACTURES-----	175	102	73			
2211 BASIC TEXTILE PRODUCTS-----	24,048	21,510	2,530			
2212 TEXTILE FIBERS, NEC-----	24	24				
2311 APPAREL-----	14,336	14,055	281			
2411 LOGS-----	105		105			
2413 FUEL WOOD, CHARCOAL, WASTES-----	1,005	25	980			
2416 WOOD CHIPS, STAVES, MOULDINGS-----	24	24				
2421 LUMBER-----	3,025	435	2,590			
2431 VENEER, PLYWOOD, WORKED WOOD-----	750	464	286			
2491 WOOD MANUFACTURES, NEC-----	4,671	4,480	191			
2511 FURNITURE AND FIXTURES-----	28,363	27,137	1,226			
2611 PULP-----	89,104	89,052	52			
2621 STANDARD NEWSPRINT PAPER-----	1,766	14	1,766			
2631 PAPER AND PAPERBOARD-----	21,774	14,570	7,194			
2691 PULP AND PAPER PRODUCTS, NEC-----	6,096	4,337	1,759			
2711 PRINTED MATTER-----	16,544	11,294	5,250			
2810 SODIUM HYDROXIDE-----	4,119		4,119			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	7,959	7,946	13			
2812 DYES, PIGMENT, TANNING MATS-----	1,270		1,270			
2813 ALCOHOLS-----	4,343	2,969	1,370			
2816 RADIOACTIVE MATERIALS, WASTES-----	24	1	23			
2817 BENZENE AND TOLUENE-----	3		3			
2818 SULPHURIC ACID-----	1,740		1,740			
2819 BASIC CHEMICALS AND PROD, NEC-----	45,022	34,429	15,393			
2821 PLASTIC MATERIALS-----	27,756	16,549	11,207			
2822 SYNTHETIC RUBBER-----	1,325	167	1,158			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	389	320	61			
2831 DRUGS-----	7,382	6,403	979			
2841 SOAP-----	11,997	7,929	4,068			
2851 PAINTS-----	12,170	10,721	1,457			
2901 GUM AND WOOD CHEMICALS-----	476	270	190			
2971 NITROGENOUS CHEM FERTILIZERS-----	21,152	14,573	6,579			
2972 PHOSPHOROUS CHEM FERTILIZERS-----	705	676	29			
2976 INSECTICIDES, DISINFECTANTS-----	1,355	603	752			
2977 FERTILIZER AND MATERIALS, NEC-----	9,322	5,174	4,148			
2991 MISCELLANEOUS CHEMICAL PROD-----	11,534	8,735	6,799			

FREIGHT TRAFFIC, 1985--CONTINUED

DECEMBER--CONTINUED

(SHORT TONS)

TON-WILES, OCEANGOING. 494,070,000.

**INTERNAL**

(SHORT TONS)

TON-MILES, INTERNAL, 816,057.444.

TONN. ALL TRAFFIC, 19,000,075

TON-MILES, ALL TRAFFIC, 1,311,020,350

# NEW YORK, NY, DISTRICT

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HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK  
(HARLEM RIVER) TO WATERFORD, N. Y.

SECTION INCLUDED: MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y. CONTROLLING DEPTH: 32 FEET MEAN LOW WATER FROM NEW YORK CITY TO 1,500 FEET SOUTH OF NORTH LIMIT OF 32-FOOT PROJECT; THENCE 14 FEET TO HEAD OF PROJECT AT WATERFORD, N. Y. PROJECT DEPTH: 34 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL MEAN LOW WATER FROM NEW YORK CITY TO ALBANY; 14 FEET LOWEST LOW WATER TO WATERFORD. PROJECT LENGTH: ABOUT 155 MILES. NAVIGATION SEASON: LOWER SECTION: 12 MONTHS. UPPER SECTION: FOR BARGES 6 MONTHS, FOR OCEANGOING VESSELS 12 MONTHS.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	28,279,222	1,025,510	1981	17,759,985	1,012,555
1977	24,313,696	932,470	1982	17,270,634	889,063
1978	25,743,746	655,009	1983	17,305,234	966,314
1979	24,810,676	1,117,009	1984	19,076,037	866,561
1980	23,294,150	1,104,844	1985	17,037,424	859,423

## FREIGHT TRAFFIC, 1985

### OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		THROUGH DOWNBOUND
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	5,637,571	2,965,792	362,166	726,149	1,578,624	4,650
0103 CORN	170,242		170,242			
2107 WHEAT	148,457		148,457			
0132 BANANAS AND PLANTAINS	149,632	149,632				
0133 COFFEE	50					
0134 COCOA BEANS	1					
2161 ANIMALS AND PRODUCTS, NEC	6					
0841 CRUDE RUBBER AND ALLIED GUMS	19					
0841 FOREST PRODUCTS, NEC	42					
1311 CRUDE PETROLEUM	220,853	220,853				
1402 SAND, GRAVEL, CRUSHED ROCK	426,571			119,732	306,839	
1451 CLAY	50					
1494 GYPSUM, CRUDE AND PLASTERS	1,234,320	1,234,320				
2034 VEGETABLES AND PREP, NEC	19					
2039 PREP FRUIT AND VEG JUICE, NEC	1,582	1,582				
2049 GRAIN MILL PRODUCTS, NEC	443	304	63			
2061 SUGAR	327,635	242,066	2	85,567		
2062 MOLASSES	147,985	147,985				
2081 ALCOHOLIC BEVERAGES	70	70				
2099 MISCELLANEOUS FOOD PRODUCTS	7,661	153	7,508			
2211 BASIC TEXTILE PRODUCTS	55	10	45			
2212 TEXTILE FINISHERS, NEC	24					
2311 APPAREL	16	14	2			
2416 WOOD CHIPS, STAVES, MOLTINGS	24					
2511 FURNITURE AND FIXTURES	27		27			
2611 PULP	89,038	89,038				
2711 PRINTED MATTER	8					
2810 SODIUM HYDROXIDE	4,119			4,119		
2811 CRUDE TAR, OIL, GAS PRODUCTS	53	53				
2819 BASIC CHEMICALS AND PROD, NEC	77	33	44			
2821 PLASTIC MATERIALS	26	7	19			
2922 SYNTHETIC RUBBER	43	43				
2931 DRUGS	21	21				
2941 SOAP	34	20	14			
2871 NITROGENOUS CHEM FERTILIZERS	21,131	14,552		6,579		
2876 INSECTICIDES, DISINFECTANTS	65	65				
2879 FERTILIZER AND MATERIALS, NEC	4,369	4,369				
2911 GASOLINE	49,191			49,191		
2914 DISTILLATE FUEL OIL	259,481	73,672		185,769		
2915 RESIDUAL FUEL OIL	663,362	470,175		193,187		
2916 LUBRICATING OILS AND GREASES	2		2			
2919 ASPHALT, TAR, AND BITUMENS	86,278		2,500	82,065	1,773	
3011 RUBBER AND MISC PLASTIC PROD	63	19	44			
3111 LEATHER AND LEATHER PRODUCTS	2					
3201 BUILDING CEMENT	1,502,238	232,026			1,270,212	
3251 STRUCTURAL CLAY PRODUCTS	1					
3291 MISC NONMETALLIC MINERAL PROD	29	4	25			
3310 IRON AND STEEL PRIMARY FORMS	503	503				
3315 IRON, STEEL SHAPES, EXC SHEET	3,952	3,952				
3317 IRON AND STEEL PIPE AND TUBE	4					
3319 IRON AND STEEL PRODUCTS, NEC	18	18				
3321 NONFERROUS METALS, NEC	35		35			
3324 ALUMINUM AND ALLOYS, UNWORKED	43	43				
3411 FABRICATED METAL PRODUCTS	164	136	25			
3511 MACHINERY, EXCEPT ELECTRICAL	5,064	5,030	34			
3611 ELECTRICAL MACH AND EQUIP	164	80	119			
3711 MOTOR VEHICLES, PARTS, EQUIP	75,137	73,018	119			
3731 SHIPS AND BOATS	4,677	27				4,650
3811 INSTR, TIME, PHOTO, OPT GOODS	72	14	58			
3911 MISC MANUFACTURED PRODUCTS	45	26	19			
4011 IRON AND STEEL SCRAP	32,738		32,738			
4112 COMMODITIES, NEC	917	916	1			
TON-MILES, OCEANGOING	427,753,230					

## Waterborne Commerce of the United States, 1985

HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK  
(HARLEM RIVER) TO WATERFORD, N. Y.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH UPBOUND
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			
TOTAL-----	11,309,853	7,451,448	118,465	3,521,601	17,143	131,163	160,083	
1311 CRUDE PETROLEUM-----	48,577	48,577						
1402 SAND, GRAVEL, CRUSHED ROCK-----	2,519,956	11,334		2,413,295			95,227	
2013 ALCOHOLS-----	11,489	11,489						
2911 GASOLINE-----	3,368,743	3,233,878	91,016	13,391	6,120	13,237	6,791	
2912 JET FUEL-----	171,121	69,971					101,150	
2913 KEROSENE-----	206,641	198,644	871		5,512		1,018	
2914 DISTILLATE FUEL OIL-----	1,926,853	1,849,453	14,328	18,802	3,340	20,926		
2915 RESIDUAL FUEL OIL-----	1,989,978	1,969,008	9,352	2,536			8,102	
2916 LUBRICATING OILS AND GREASES-----	4,373	4,373						
2918 ASPHALT, TAR, AND PITCHES-----	90,091	49,757	2,098		2,367	1,773	42,006	
2991 PETROLEUM AND COAL PROD, NEC-----	8,504	8,504						
3201 BUILDING CEMENT-----	542,625			542,625				
4011 IRON AND STEEL SCRAP-----	302			302				
4029 WASTE AND SCRAP, NEC-----	510,700			510,700				
TON-MILES, INTERNAL, 685,684,020.								
TONS, ALL TRAFFIC, 17,037,424.								
TON-MILES, ALL TRAFFIC, 1,113,437,250.								

TARRYTOWN HARBOR, N. Y.  
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: A CHANNEL ALONG THE WHARF FRONT; AND NORTHERLY AND SOUTHERLY CONNECTING CHANNELS TO DEEP WATER IN THE HUDSON RIVER. CONTROLLING DEPTH: 9 FEET IN NORTH BRANCH AND 10 FEET ALONG WHARF FRONT AND 10 FEET IN SOUTH BRANCH. PROJECT DEPTH: 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 1 MILE. NAVIGATION SEASON: 10 MONTHS OF THE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	409,571	1981-----	338,750
1977-----	257,359	1982-----	305,802
1978-----	430,794	1983-----	432,714
1979-----	470,287	1984-----	563,231
1980-----	433,203	1985-----	320,083

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	RECEIPTS
TOTAL-----	320,083	110,732	200,351
1402 SAND, GRAVEL, CRUSHED ROCK-----	226,293	110,732	106,561
2914 DISTILLATE FUEL OIL-----	70,832		70,832
2915 RESIDUAL FUEL OIL-----	22,958		22,958

PORT OF ALBANY, N. Y.  
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: FROM THE SOUTHERLY END OF CABBAGE ISLAND OR ISLAND CREEK TO THE NORTHERLY LIMITS OF THE CITIES OF RENESSELAIR AND ALBANY. CONTROLLING DEPTH: 32 FEET MEAN LOW WATER FROM THE SOUTHERLY END OF CABBAGE ISLAND TO 4,500 FEET SOUTH OF NORTH LIMIT OF 32-FOOT PROJECT; THENCE 13 FEET TO NORTH LIMIT OF 32-FOOT PROJECT; THENCE 14 FEET TO WATERFORD. PROJECT DEPTH: 34 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL TO A POINT ABOUT 2,200 FEET SOUTH OF DUYN MEMORIAL BRIDGE; THENCE 14 FEET TO WATERFORD. ALL AT MEAN LOW WATER EXCEPT FROM ALBANY TO TROY LOCK AND DAM WHICH IS AT LOWEST LOW WATER. NAVIGATION SEASON: FOR BARGES, 8 MONTHS; FOR OCEANGOING VESSELS, 12 MONTHS.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	10,146,459	720	1981-----	5,473,241	142
1977-----	9,591,325		1982-----	5,154,440	116
1978-----	9,832,493	140	1983-----	5,265,190	
1979-----	9,650,112		1984-----	5,820,147	119
1980-----	9,711,672	302	1985-----	5,726,591	

# NEW YORK, NY, DISTRICT

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PORT OF ALBANY, N. Y.  
(INCLUDED IN STATISTICS FOR HUDSON RIVER)--CONTINUED  
FREIGHT TRAFFIC, 1985  
(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS			
TOTAL	5,724,591	1,507,835	350,167	294,081	1,773	3,350,431	100,100	32,110
0103 CORN	170,242		170,242					
0107 WHEAT	148,457		148,457					
0132 BANANAS AND PLANTAINS	149,632	149,632						
0134 COCOA BEANS	1	1						
0861 FOREST PRODUCTS, NEC	77	77						
1311 CRUDE PETROLEUM	265,430	220,853				44,577		
1494 GYPSUM, CRUDE AND PLASTERS	365,895	365,895						
2034 VEGETABLES AND PREP, NEC	19		19					
2039 PREP FRUIT AND VEG JUICE, NEC	1,562	1,562						
2049 GRAIN MILL PRODUCTS, NEC	380	380						
2062 MOLASSES	147,985	147,985						
2081 ALCOHOLIC BEVERAGES	2	2						
2211 BASIC TEXTILE PRODUCTS	49	10	39					
2212 TEXTILE FIBERS, NEC	24	20						
2311 APPAREL	1	1						
2411 PULP	89,030	89,030						
2711 PRINTED MATTER	1	1						
2810 SODIUM HYDROXIDE	4,119			4,119				
2813 ALCOHOLS	11,449					11,449		
2819 BASIC CHEMICALS AND PROD, NEC	44		44					
2821 PLASTIC MATERIALS	19		19					
2822 SYNTHETIC RUBBER	43	43						
2831 DRUGS	21	21						
2841 SOAP	1		1					
2871 NITROGENOUS CHEM FERTILIZERS	14,552	14,552						
2876 INSECTICIDES, DISINFECTANTS	65	65						
2879 FERTILIZER AND MATERIALS, NEC	4,369	4,369						
2911 GASOLINE	1,992,875			45,940		1,030,413	106,547	9,960
2912 JET FUEL	64,063					64,063		
2913 KEROSENE	144,090					130,707	13,560	
2914 DISTILLATE FUEL OIL	1,013,856	73,672		177,595		607,107	57,053	17,520
2915 RESIDUAL FUEL OIL	760,516	127,499		66,410		556,711	11,000	
2916 LUBRICATING OILS AND GREASES	3,197					3,197		
2918 ASPHALT, TAR, AND PITCHES	17,414		2,500		1,773	6,903	6,230	
2991 PETROLEUM AND COAL PROD, NEC	8,504					9,504		
3011 RUBBER AND MISC PLASTIC PROD	1	1						
3241 BUILDING CEMENT	232,026	232,026						
3291 MISC NONMETALLIC MINERAL PROD	4	4						
3314 IRON AND STEEL PRIMARY FORMS	503	503						
3411 FABRICATED METAL PRODUCTS	21	21						
3511 MACHINERY, EXCEPT ELECTRICAL	5,631	5,625	6					
3611 ELECTRICAL MACH AND EQUIP	41	81						
3711 MOTOR VEHICLES, PARTS, EQUIP	73,109	73,007	102					
3731 SHIPS AND BOATS	10	10						
3911 MISC MANUFACTURED PRODUCTS	25	25						
4011 IRON AND STEEL SCRAP	32,738		32,738					
4112 COMMODITIES, NEC	682	682						

FEDERAL LOCK, TROY, N. Y.

NAVIGATION SEASON: 13 APRIL TO 14 DECEMBER 1985

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	1,940,369	1981	731,570
1977	1,568,076	1982	632,653
1978	1,490,922	1983	495,636
1979	1,262,205	1984	404,434
1980	1,034,103	1985	296,996

## FREIGHT TRAFFIC, 1985

COMMODITY	TONS
2062 MOLASSES	12,150
2079 FERTILIZER	7,107
2911 GASOLINE	102,976
2912 JET FUEL	97,173
2913 KEROSENE	859
2914 DISTILLATE FUEL OIL	12,141
2915 RESIDUAL FUEL OIL	9,807
2918 ASPHALT, TAR, AND PITCHES	53,806
3511 MACHINERY, EXCEPT ELECTRICAL	895
GRAND TOTAL	296,996
TRAFFIC (TONS) NORTH	294,180
TRAFFIC (TONS) SOUTH	2,816
TOTAL	296,996

## Waterborne Commerce of the United States, 1985

## NEW YORK STATE BARGE CANAL SYSTEM, N. Y.

SECTION INCLUDED: FEDERAL PROJECT-ERIE SECTION: FROM WATERFORD TO THREE RIVERS; OSWEGO SECTION: THREE RIVERS TO OSWEGO, N. Y. NON PROJECT-ERIE SECTION: THREE RIVERS TO TONAWANDA, N. Y.; CHAMPLAIN SECTION: WATERFORD TO WHITEHALL, N. Y. CONTROLLING DEPTHS: 14 FEET IN EARTH CUTS, ROCK CUTS, CANALIZED RIVERS AND LAKES AND IN OPEN RIVERS; 12 FEET IN LOCKS. PROJECT DEPTHS: 14 FEET, 13 FEET IN LOCKS. PROJECT LENGTH: APPROXIMATELY 184 MILES. ALL BELOW NORMAL POOL LEVEL. NAVIGATION SEASON: 22 APRIL TO 6 DECEMBER 1985.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	2,227,052	1981-----	807,925
1977-----	1,824,878	1982-----	777,292
1978-----	1,553,310	1983-----	579,777
1979-----	1,363,337	1984-----	457,134
1980-----	1,148,382	1985-----	280,504

## SUMMARY FREIGHT TRAFFIC, 1985

DIVISIONS	TONS
CAYUGA-SENECA-----	-----
CHAMPLAIN-----	219,983
ERIE-----	55,871
OSWEGO-----	4,650
TOTAL-----	280,504

## DISTRIBUTION AND FLOW OF TRAFFIC

TRAFFIC	CAYUGA-SENECA (TONS)	CHAMPLAIN (TONS)	ERIE (TONS)	OSWEGO (TONS)	TOTAL ALL CANALS (TONS)
EAST-----	-----	-----	-----	-----	-----
WEST-----	-----	-----	-----	-----	-----
THROUGH-----	-----	219,983	-----	-----	219,983
LOCAL-----	-----	-----	-----	-----	-----
THROUGH, EAST-----	-----	-----	-----	-----	-----
THROUGH, WEST-----	-----	-----	-----	4,650	4,650
LOCAL, EAST-----	-----	-----	-----	-----	-----
LOCAL, WEST-----	-----	-----	55,871	-----	55,871

THE TOTAL TONNAGE OF THE COMMODITIES TRANSPORTED AND THE AMOUNTS (IN NET TONS) MOVED EASTWARD AND WESTWARD ARE SHOWN IN THE FOLLOWING STATEMENT:

COMMODITY	TOTAL	EAST	WEST
TOTAL-----	280,504	219,983	60,521
2911 GASOLINE-----	98,607	98,607	-----
2912 JET FUEL-----	101,150	96,750	4,400
2913 KEROSENE-----	2,685	2,685	-----
2914 DISTILLATE FUEL OIL-----	14,328	7,051	7,277
2915 RESIDUAL FUEL OIL-----	14,890	14,890	-----
2916 ASPHALT, TAR, AND PITCHES-----	44,194	-----	44,194
3731 SHIPS AND BOATS-----	4,650	-----	4,650
TOTAL TON-MILES, 73,842,840.			

## HEMPSTEAD HARBOR, N. Y.

SECTION INCLUDED: FROM LONG ISLAND SOUND TO ROBLYN TOWN WHARF. CONTROLLING DEPTHS: 6 FEET FROM ENTRANCE OF BAR REACH TO 2750 FEET ABOVE ENTRANCE, THENCE 6 FEET TO 0.0 FEET TO HEAD OF PROJECT. PROJECT DEPTHS: 15 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.3 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)
1976-----	1,488,398	246,973	1981-----	2,594,357	184,185
1977-----	1,502,862	224,400	1982-----	2,698,742	215,562
1978-----	3,735,575	235,077	1983-----	1,956,824	218,884
1979-----	2,621,531	215,231	1984-----	2,946,513	214,486
1980-----	2,764,267	276,661	1985-----	2,423,850	83,532

## FREIGHT TRAFFIC, 1985

DOMESTIC  
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL-----	2,623,850	893,380	1,730,461
1402 SAND, GRAVEL, CRUSHED ROCK-----	2,131,734	405,473	1,726,261

## NEW YORK, NY, DISTRICT

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HEMPSTEAD HARBOR, N. Y.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
2911 GASOLINE-----	260,850	260,850	-----
2913 KEROSENE-----	3,135	3,135	-----
2914 DISTILLATE FUEL OIL-----	197,533	197,533	-----
2915 RESIDUAL FUEL OIL-----	26,380	26,380	-----
4029 WASTE AND SCRAP, NEC-----	4,200	-----	4,200
TOTAL TON-MILES, 6,655,300.			

PORT JEFFERSON HARBOR, N. Y.

SECTION INCLUDED: FROM DEEP WATER IN LONG ISLAND SOUND TO PORT JEFFERSON HARBOR, THENCE TO VILLAGE OF PORT JEFFERSON. CONTROLLING DEPTHS: 27 FEET, TURNING BASIN 11 FEET, PROJECT DEPTH: 40 FEET IN ENTRANCE CHANNEL, 30 FEET IN TURNING BASIN, ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.3 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1976-----	4,409,221	149,584	45,014	1981-----	3,494,265	229,757	60,260
1977-----	4,484,081	94,789	24,434	1982-----	3,420,511	141,202	30,190
1978-----	4,407,276	176,330	25,055	1983-----	3,142,094	109,417	65,966
1979-----	4,231,407	203,084	50,786	1984-----	3,523,007	76,076	10,149
1980-----	3,301,718	31,320	-----	1985-----	2,955,137	473,144	238,330

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	2,955,137	172,730	44	2,564,845	217,469
1442 SAND, GRAVEL, CRUSHED ROCK-----	307,764	-----	-----	286,763	21,001
2021 DAIRY PRODUCTS, NEC-----	23	23	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	7	7	-----	-----	-----
2921 LUMBER-----	20	-----	20	-----	-----
2911 CRUDE TAR, OIL, GAS PRODUCTS-----	9,106	-----	-----	7,932	1,174
2819 BASIC CHEMICALS AND PROD, NEC-----	12,991	12,991	-----	-----	-----
2841 SOAP-----	20	-----	20	-----	-----
2911 GASOLINE-----	1,372,583	74,697	-----	1,140,897	147,389
2912 JET FUEL-----	35,621	-----	-----	35,621	-----
2913 KEROSENE-----	31,314	-----	-----	31,314	-----
2914 DISTILLATE FUEL OIL-----	408,343	45,017	-----	680,882	42,444
2915 RESIDUAL FUEL OIL-----	359,952	-----	-----	359,952	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	17,385	-----	-----	11,924	5,461
3411 FABRICATED METAL PRODUCTS-----	3	-----	3	-----	-----
4112 COMMODITIES, NEC-----	4	4	1	-----	-----
TOTAL TON-MILES, 5,910,274.					



## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
BROWNS CREEK, N. Y.-----	4029 WASTE AND SCRAP, NEC-----	240		
	4112 COMMODITIES, NEC-----	1,136		
	TOTAL-----	1,376	1,376	946,549
BURLINGTON HARBOR, VT.-----	2911 GASOLINE-----	25,692		
	2912 JET FUEL-----	6,377		
	2913 KEROSENE-----	1,814		
	2914 DISTILLATE FUEL OIL-----	1,522		
	2915 RESIDUAL FUEL OIL-----	3,876		
	TOTAL-----	39,271		226,062
CHEESEQUAKE CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
CONEY ISLAND CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	18,661	18,661	
ECHO BAY HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	4029 WASTE AND SCRAP, NEC-----	3,150	3,150	
ELIZABETH RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
FIRE ISLAND INLET, N. Y.-----	2914 DISTILLATE FUEL OIL-----	214	214	305,796
GLEN COVE CREEK, N. Y.-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	66,874		
	2914 DISTILLATE FUEL OIL-----	16,650		
	TOTAL-----	83,532	83,532	
GLEN COVE HARBOR, N. Y.-----	NO COMMERCE REPORTED			
GREAT KILLS HARBOR, STATEN ISLAND, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
GREAT SOUTH BAY, N. Y. (INCLUDING STATISTICS FOR PATCHOGUE RIVER, N. Y.)-----	2914 DISTILLATE FUEL OIL-----	214		
	4029 WASTE AND SCRAP, NEC-----	240		
	4112 COMMODITIES, NEC-----	8,274		
	TOTAL-----	8,728	14,302	1,584,984
GREENPORT HARBOR, N. Y.-----				327,407
HUNTINGTON HARBOR, N. Y.-----				10
JONES INLET, N. Y.-----				153,074
KEYPORT HARBOR, N. J. (INCLUDED IN PORT OF NEW YORK)-----				11,120
LAKE MONTAUK HARBOR, N. Y.-----				1,338,722
LARCHMONT HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
LEMON CREEK, STATEN ISLAND, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
LONG ISLAND INTRACOASTAL WATERWAY, N. Y.-----				10,134
MANHARTNECK HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
MANHASSET BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	2914 DISTILLATE FUEL OIL-----	82,122	287,436	
MATTITUCK HARBOR, N. Y.-----	3721 AIRCRAFT AND PARTS-----	128	256	15,184
NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.-----	2911 GASOLINE-----	98,607		
	2912 JET FUEL-----	96,750		
	2913 KEROSENE-----	2,685		
	2914 DISTILLATE FUEL OIL-----	7,051		
	2915 RESIDUAL FUEL OIL-----	14,890		
	TOTAL-----	219,983	3,959,694	
NEW ROCHELLE HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	4029 WASTE AND SCRAP, NEC-----	1,890	1,890	77,770
NORTHPORT HARBOR, N. Y.-----	2915 RESIDUAL FUEL OIL-----	68,501	68,501	36
ORONOC CREEK, N. Y.-----	NO COMMERCE REPORTED			
PATCHOGUE RIVER, N. Y. (INCLUDED IN STATISTICS FOR GREAT SOUTH BAY, N. Y.)-----	NO COMMERCE REPORTED			
PECONIC RIVER, N. Y.-----	NO COMMERCE REPORTED			
PEEKSKILL HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)-----	NO COMMERCE REPORTED			
PORT HENRY HARBOR, N. Y.-----	NO COMMERCE REPORTED			
RAHWAY RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
ROUNDOUT HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	33,494		
	2911 GASOLINE-----	81,341		
	2912 JET FUEL-----	2,133		
	2913 KEROSENE-----	3,550		
	2914 DISTILLATE FUEL OIL-----	94,328		
	4011 IRON AND STEEL SCRAP-----	342		
	TOTAL-----	135,188		

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
ROUSE POINT, N. Y.-----	NO COMMERCE REPORTED			
SAG HARBOR, N. Y.-----				606,723
SANDY HOOK BAY AT LEONARDO, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
SANDY HOOK BAY, N. J.-----				226,948
SANDY HOOK CHANNEL, N. Y.-----	NO COMMERCE REPORTED			
SAUGERTIES HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)-----	NO COMMERCE REPORTED			
SHARK RIVER, N. J.-----				1,251,750
SHEEPSHEAD BAY, N. Y.-----	1442 SAND, GRAVEL, CRUSHED ROCK----- 2914 DISTILLATE FUEL OIL----- 4029 WASTE AND SCRAP, NEC----- TOTAL-----	5,527 89 73,000 76,616		348,514
SHINNECOCK INLET, N. Y.-----			76,616	7,152
SMOAL HARBOR AND COMPTON CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
SHREWSBURY RIVER, N. J.-----				176,624
HALLABOUT CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
HAYCANE CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
NONPROJECT				
GOHANUS CANAL, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	1442 SAND, GRAVEL, CRUSHED ROCK----- 2913 KEROSENE----- 2914 DISTILLATE FUEL OIL----- 2915 RESIDUAL FUEL OIL----- TOTAL-----	281,883 1,189 377,350 127,083 787,513	1,120,109	
GRAVESEND BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	1311 CRUDE PETROLEUM----- 1442 SAND, GRAVEL, CRUSHED ROCK----- 2819 BASIC CHEMICALS AND PROD, NEC----- 2911 GASOLINE----- 2914 DISTILLATE FUEL OIL----- 2915 RESIDUAL FUEL OIL----- 2916 LUBRICATING OILS AND GREASES----- 2917 NAPHTHA, PETROLEUM SOLVENTS----- 4029 WASTE AND SCRAP, NEC----- TOTAL-----	306,857 18,661 53,252 313,855 115,591 332,947 154 16,636 46,332 1,204,265	1,297,590	
LONG ISLAND SOUND, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	2915 RESIDUAL FUEL OIL-----	272	816	77,770
OYSTER BAY, N. Y.-----	2911 GASOLINE----- 2914 DISTILLATE FUEL OIL----- 2915 RESIDUAL FUEL OIL----- TOTAL-----	105,349 190,400 2,061 297,810	378,484	
SANDY HOOK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)-----	0103 CORN----- 0129 FIELD CROPS, NEC----- 0133 COFFEE----- 0861 FOREST PRODUCTS, NEC----- 0912 SHELLFISH, EXCEPT PREPARED----- 1091 NONFERROUS ORES, CONCENT, NEC----- 1491 SALT----- 1911 ORDNANCE AND ACCESSORIES----- 2012 MEAT AND PRODUCTS, NEC----- 2015 ANIMAL BY-PRODUCTS, NEC----- 2021 DAIRY PRODUCTS, NEC----- 2031 FISH AND SHELLFISH, PREPARED----- 2034 VEGETABLES AND PREP, NEC----- 2039 PREP FRUIT AND VEG JUICE, NEC----- 2049 GRAIN MILL PRODUCTS, NEC----- 2081 ALCOHOLIC BEVERAGES----- 2091 VEGETABLE OILS, HARB, SHORT----- 2099 MISCELLANEOUS FOOD PRODUCTS----- 2211 BASIC TEXTILE PRODUCTS----- 2311 APPAREL----- 2491 WOOD MANUFACTURES, NEC----- 2511 FURNITURE AND FIXTURES----- 2631 PAPER AND PAPERBOARD----- 2691 PULP AND PAPER PRODUCTS, NEC----- 2711 PRINTED MATTER----- 2811 CRUDE TAR, OIL, GAS PRODUCTS----- 2812 DYES, PIGMENT, TANNING MATS----- 2819 BASIC CHEMICALS AND PROD, NEC----- 2821 PLASTIC MATERIALS----- 2831 DRUGS----- 2841 SOAP----- 2851 PAINTS----- 2891 MISCELLANEOUS CHEMICAL PROD----- 2914 DISTILLATE FUEL OIL----- 2991 PETROLEUM AND COAL PROD, NEC-----	5 6 91 27 9 22 28,119 155 21 97 44 4 1,084 135 25 110 100 419 346 13 33 40 121 32 139 42 5 391 72 3 163 57 270 28,469 41		

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
NONPROJECT--CONTINUED				
SANDY HOOK BAY, N. J. (INCLUDED IN PORT OF NEW YORK) (CONTINUED)-----	3011 RUBBER AND MISC PLASTIC PROD-----	60	-----	-----
	3111 LEATHER AND LEATHER PRODUCTS-----	71	-----	-----
	3211 GLASS AND GLASS PRODUCTS-----	80	-----	-----
	3251 STRUCTURAL CLAY PRODUCTS-----	21	-----	-----
	3281 CUT STONE AND STONE PRODUCTS-----	57	-----	-----
	3291 MISC NONMETALLIC MINERAL PROD-----	165	-----	-----
	3314 IRON AND STEEL PRIMARY FORMS-----	4	-----	-----
	3315 IRON, STEEL SHAPES, EXC SHEET-----	120	-----	-----
	3316 IRON AND STEEL PLATES, SHEETS-----	53	-----	-----
	3317 IRON AND STEEL PIPE AND TUBE-----	65	-----	-----
	3319 IRON AND STEEL PRODUCTS, NEC-----	97	-----	-----
	3321 NONFERROUS METALS, NEC-----	19	-----	-----
	3322 COPPER ALLOYS, UNWORKED-----	3	-----	-----
	3324 ALUMINUM AND ALLOYS, UNWORKED-----	118	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	114	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	252	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	104	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	43	-----	-----
	3721 AIRCRAFT AND PARTS-----	20	-----	-----
	3731 SHIPS AND BOATS-----	50	-----	-----
	3791 MISC TRANSPORTATION EQUIPMENT-----	5	-----	-----
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	77	-----	-----
	3911 MISC MANUFACTURED PRODUCTS-----	25	-----	-----
	4011 IRON AND STEEL SCRAP-----	24	-----	-----
	4024 PAPER WASTE AND SCRAP-----	708	-----	-----
	4112 COMMODITIES, NEC-----	57	-----	-----
	9999 DEPARTMENT OF DEFENSE AND SCI-----	4,033	-----	-----
	TOTAL-----	67,950	140,235	803,572

# PHILADELPHIA, PA. DISTRICT

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DELAWARE RIVER, TRENTON, N. J. TO THE SEA  
(CONSOLIDATED REPORT)

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC			YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		
			RAILROAD FREIGHT		AUTOMOBILES ACCOMPANYING PASSENGERS				RAILROAD FREIGHT		AUTOMOBILES ACCOMPANYING PASSENGERS
			EMPTY	LOADED					EMPTY	LOADED	
1976--	133,696,091	1,140,721	2,072	3,503	171,330	1981--	111,896,190	1,450,789	300	625	254,162
1977--	133,276,227	1,175,523	1,529	2,513	181,500	1982--	90,205,826	1,425,105	40	110	211,380
1978--	132,430,907	1,202,049	1,016	1,603	214,900	1983--	90,928,672	1,423,468	-----	-----	201,120
1979--	140,463,466	1,443,570	703	930	203,936	1984--	90,183,060	1,506,490	-----	-----	203,030
1980--	219,309,110	1,426,211	393	610	236,261	1985--	109,507,913	1,554,670	-----	-----	300,617

## FREIGHT TRAFFIC, 1985

### OCEANGOING

### (SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	60,035,817	53,840,919	6,046,917	1,807,416	1,341,000	5,717,575	6,299,321	1,761,605	3,270,230
0101 COTTON, RAW-----	13	-----	-----	-----	-----	-----	-----	13	-----
0103 CORN-----	608,055	-----	277	-----	607,778	-----	-----	-----	-----
0105 RICE-----	122	22	78	-----	-----	-----	-----	22	-----
0107 WHEAT-----	34,720	-----	-----	-----	34,720	-----	-----	-----	-----
0111 SOYBEANS-----	103,640	-----	8,260	-----	105,578	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	825	700	45	-----	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	2,529	2,005	301	-----	-----	-----	-----	163	-----
0122 HAY AND FODDER-----	129	-----	14	-----	-----	-----	-----	129	-----
0129 FIELD CROPS, NEC-----	6,970	6,962	14	-----	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	63,346	46,682	744	15,900	-----	-----	-----	20	-----
0132 BANANAS AND PLANTAINS-----	360,552	243	-----	360,309	-----	-----	-----	20	-----
0133 COFFEE-----	10,936	-----	-----	-----	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	112,242	110,540	440	936	-----	-----	-----	300	-----
0141 FRESH AND FROZEN VEGETABLES-----	3,037	2,333	202	931	-----	22	19	330	-----
0161 ANIMALS AND PRODUCTS, NEC-----	10,913	15,001	3,090	-----	-----	-----	-----	-----	22
0191 MISCELLANEOUS FARM PRODUCTS-----	102	93	15	-----	-----	-----	-----	84	-----
0801 CRUDE RUBBER AND ALLIED GUMS-----	1,626	1,554	72	-----	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	6,661	4,041	1,363	-----	-----	-----	-----	1,257	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	23,223	20,201	1,944	308	-----	22	-----	501	-----
0912 SHELLFISH, EXCEPT PREPARED-----	1,763	1,457	111	77	-----	-----	-----	110	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	10	10	-----	-----	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	3,507,600	3,576,320	227	1,653	-----	-----	-----	11,000	-----
1051 ALUMINUM ORES, CONCENTRATES-----	42,965	42,925	40	-----	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	14,833	-----	207	14,626	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT., NEC-----	17,302	4,031	403	12,707	-----	-----	-----	41	-----
1121 COAL AND LIGNITE-----	6,100,697	-----	4,390,308	121	30,601	-----	507,162	160	1,262,765
1311 CRUDE PETROLEUM-----	45,230,129	42,476,023	-----	-----	-----	2,541,006	49,165	171,135	-----
1411 LIMESTONE-----	43,530	8	43,522	-----	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,101	676	3,235	-----	-----	-----	-----	-----	192
1451 CLAY-----	69,000	61,474	1,482	6,003	-----	-----	-----	21	-----
1491 SALT-----	210,241	56,283	22	161,913	-----	-----	23	-----	-----
1492 SULPHUR, DRY-----	110	-----	111	-----	-----	-----	-----	-----	3
1690 GYPSUM, CRUDE AND PLASTER-----	1,125,070	630,110	58	494,906	-----	-----	-----	-----	-----
1690 NONMETALLIC MINERALS, NEC-----	47,611	20,744	1,024	16,303	92	-----	-----	240	-----
1911 ORDNANCE AND ACCESSORIES-----	213	205	8	-----	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	250,122	255,009	3,115	74	-----	-----	-----	124	-----
2012 MEAT AND PRODUCTS, NEC-----	18,131	15,319	300	707	-----	21	23	1,761	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	232	-----	169	-----	-----	-----	-----	63	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	2,200	1,530	730	-----	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	24,125	23,734	209	-----	-----	-----	43	130	-----
2022 DRIED MILK AND CREAM-----	4,927	444	4,331	-----	-----	-----	-----	-----	152
2031 FISH AND SHELLFISH, PREPARED-----	4,105	3,450	103	153	-----	-----	-----	409	-----
2034 VEGETABLES AND PREP, NEC-----	15,229	10,530	435	105	1	192	35	3,244	99
2039 PREP FRUIT AND VEG JUICE, NEC-----	350,507	301,526	702	42,608	-----	-----	106	5,405	-----
2041 WHEAT FLOUR AND SEMOLINA-----	904	-----	904	-----	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	93,620	106	93,702	-----	-----	-----	-----	12	-----
2049 GRAIN MILL PRODUCTS, NEC-----	2,701	1,133	307	-----	-----	-----	-----	1,331	-----
2061 SUGAR-----	20,466	20,466	-----	-----	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	119,418	81,415	1,707	79	-----	-----	137	35,906	-----
2091 VEGETABLE OILS, LONG, SHORT-----	9,300	7,910	1,201	-----	20	-----	-----	169	-----
2092 ANIMAL OILS AND FATS, NEC-----	2,082	2,080	2	-----	-----	-----	-----	-----	-----
2094 GROCERIES-----	17	-----	-----	-----	-----	-----	17	-----	-----
2095 ICE-----	6,002	6,002	-----	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	346,955	163,332	2,405	463	75	49,329	117,640	11,620	-----
2111 TOBACCO MANUFACTURES-----	7,191	31	389	-----	-----	-----	6,711	40	40
2211 BASIC TEXTILE PRODUCTS-----	15,049	8,825	6,000	4	90	12	40	010	-----
2212 TEXTILE FIBERS, NEC-----	930	720	-----	-----	-----	-----	-----	210	-----
2311 APPAREL-----	4,973	871	203	8	-----	851	2,553	27	-----
2411 LOTS-----	996	695	67	-----	74	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	13	13	-----	-----	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	2,986	2,986	-----	-----	-----	-----	-----	-----	-----
2415 PULPWOOD, LOGS-----	17,690	17,690	-----	-----	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	133	133	-----	-----	-----	-----	-----	-----	-----
2421 LUMBER-----	207,770	102,437	2,000	103,219	-----	33	-----	19	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	215,204	215,696	-----	1,552	-----	-----	-----	16	-----
2491 WOOD MANUFACTURES, NEC-----	8,430	7,316	856	61	421	35	-----	219	16
2511 FURNITURE AND FIXTURES-----	19,020	10,209	637	21	14	714	3,604	4,409	16
2511 PULP-----	600	-----	176	-----	220	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	149,101	149,101	-----	-----	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARDS-----	415,000	399,262	4,870	200	30	-----	-----	10,000	1,000
2691 PULP AND PAPER PRODUCTS, NEC-----	31,652	1,407	4,354	19	160	111	25,305	113	157

## Waterborne Commerce of the United States, 1985

DELAWARE RIVER, TRENTON, N. J. TO THE SEA  
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2711 PRINTED MATTER-----	13,720	4,180	1,314	10	12	1,374	6,567	271	-----
2810 SODIUM HYDROXIDE-----	154,576	-----	-----	-----	-----	126,107	20,111	-----	10,954
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	47,497	8,123	29,157	21	3,304	6,892	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	185	-----	185	-----	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	250,719	124,770	624	35,985	-----	85,095	641	-----	9,864
2817 BENZENE AND TOLUENE-----	127,245	66,446	4,664	7,730	-----	47,525	1,904	-----	9,774
2818 SULPHURIC ACID-----	81,767	-----	-----	-----	-----	5,757	4,800	32,050	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	1,456,514	1,162,498	93,400	7,482	2,072	245,746	143,729	39,013	2,454
2821 PLASTIC MATERIALS-----	56,885	29,101	21,817	-----	2,979	-----	1,927	1,187	70
2822 SYNTHETIC RUBBER-----	4,333	1,800	2,393	-----	-----	-----	-----	120	20
2823 SYNTHETIC (MAN-MADE) FIBERS-----	3,440	1,011	912	-----	1,403	-----	-----	114	-----
2831 DRUGS-----	5,029	1,360	3,383	-----	31	-----	255	-----	-----
2841 SOAP-----	5,013	1,396	3,126	7	353	-----	-----	-----	131
2851 PAINTS-----	28,639	27,113	1,161	-----	0	-----	121	235	-----
2861 GUN AND HOOD CHEMICALS-----	15,913	260	354	-----	-----	15,257	-----	-----	42
2871 NITROGENOUS CHEM FERTILIZERS-----	107,476	20,930	98	61,797	-----	18,072	2,113	-----	4,464
2872 POTASSIC CHEM FERTILIZERS-----	164	139	25	-----	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	2,563	119	1,932	-----	501	-----	-----	11	-----
2879 FERTILIZER AND MATERIALS, NEC-----	870	2	868	-----	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	103,710	57,948	40,070	27	2,723	1,071	1,576	236	49
2911 GASOLINE-----	3,284,170	350,213	79	30,264	-----	424,206	1,640,936	196,215	584,255
2912 JET FUEL-----	401,345	12,833	-----	-----	-----	280,710	-----	-----	187,794
2913 KEROSENE-----	59,614	-----	94	-----	-----	17,220	21,179	3,496	17,116
2914 DISTILLATE FUEL OIL-----	2,401,084	44,127	10,459	-----	-----	416,601	1,547,517	37,103	373,277
2915 RESIDUAL FUEL OIL-----	3,950,807	1,186,095	-----	160,056	-----	897,991	1,131,834	147,577	419,654
2916 LUBRICATING OILS AND GREASES-----	1,139,244	97,374	133,402	-----	4,860	651,304	171,375	80,805	115
2917 NAPHTHA, PETROLEUM SOLVENTS-----	207,331	18,630	404	-----	-----	153,742	25,340	0,167	-----
2918 ASPHALT, TAR, AND BITUMENS-----	1,246,931	111,754	23,511	-----	-----	206,330	601,246	303,590	-----
2920 COKE, PETROLEUM COKE-----	604,100	128	238,812	-----	365,160	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	81,802	38,576	15,029	25,362	2,835	-----	-----	-----	-----
2931 ASPHALT BUILDING MATERIALS-----	110	-----	110	-----	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	20,809	11,462	1,969	-----	-----	3,430	3,091	1,757	-----
3011 RUBBER AND MISC PLASTIC PROD-----	32,808	11,276	3,736	-----	1	420	1,456	5,821	20
3111 LEATHER AND LEATHER PRODUCTS-----	9,163	1,645	241	-----	-----	1,311	2,337	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	18,695	4,549	12,673	-----	-----	77	19,000	1,605	-----
3241 BUILDING CEMENT-----	353,911	22,220	77	-----	-----	12	74	262,987	64,577
3251 STRUCTURAL CLAY PRODUCTS-----	19,460	12,047	3,920	91	598	-----	868	1,936	-----
3271 LIME-----	955	-----	-----	-----	-----	-----	855	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	10,197	4,012	14	-----	2	6	-----	4,161	-----
3291 MISC NONMETALLIC MINERAL PROD-----	9,079	5,745	2,174	20	6	313	-----	821	-----
3311 PIG IRON-----	30,252	30,252	-----	-----	-----	-----	-----	-----	-----
3312 SLAG-----	13	-----	-----	-----	-----	-----	-----	-----	13
3314 IRON AND STEEL PRIMARY FORMS-----	76,436	68,162	74	0,119	-----	-----	-----	81	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	801,103	790,302	335	97,681	17	-----	623	1,364	781
3316 IRON AND STEEL PLATES, SHEETS-----	14,480	2,669	18,784	832	-----	-----	250	-----	945
3317 IRON AND STEEL PIPE AND TUBE-----	180,350	177,673	219	9,016	115	-----	-----	627	-----
3318 FERROALLOYS-----	14,117	12,988	219	748	113	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	73,902	10,386	1,403	160	-----	44	60,825	1,168	-----
3321 NONFERROUS METALS, NEC-----	12,622	4,793	231	-----	-----	-----	5,039	559	-----
3322 COPPER ALLOYS, UNWORKED-----	8,097	4,934	634	-----	-----	-----	22	507	-----
3323 LEAD AND ZINC, UNWORKED-----	19,686	18,610	976	-----	-----	-----	-----	80	20
3324 ALUMINUM AND ALLOYS, UNWORKED-----	50,304	29,571	1,119	16,346	5	-----	-----	3,142	121
3411 FABRICATED METAL PRODUCTS-----	82,026	62,841	3,463	3,450	284	734	4,324	4,552	366
3511 MACHINERY, EXCEPT ELECTRICAL-----	151,136	105,880	10,854	19,342	708	594	6,953	6,500	305
3611 ELECTRICAL MACH AND EQUIP-----	41,260	13,812	5,975	23	425	2,742	10,591	6,516	1,184
3711 MOTOR VEHICLES, PARTS, EQUIP-----	197,926	24,988	20,124	104,936	25,767	-----	5	14,957	37
3721 AIRCRAFT AND PARTS-----	255	53	92	6	72	-----	-----	32	-----
3731 SHIPS AND BOATS-----	1,007	845	44	64	2	-----	-----	50	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,126	3,312	601	-----	173	-----	-----	80	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	3,271	1,498	1,455	4	5	127	-----	182	-----
3911 MISC MANUFACTURED PRODUCTS-----	7,858	3,743	519	20	1	541	-----	3,235	-----
4011 IRON AND STEEL SCRAP-----	773,249	6,410	707,196	-----	58,100	-----	1,484	83	-----
4012 NONFERROUS METAL SCRAP-----	49,415	20,649	17,734	11,032	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	4,424	981	3,756	-----	89	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	2,678	-----	2,678	-----	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	4,626	-----	-----	-----	-----	1,596	2,967	63	-----
4112 COMMODITIES, NEC-----	140,757	4,130	3,292	1,861	374	944	94,545	24,011	11,555
9999 DEPARTMENT OF DEFENSE AND SCI-----	2,652	-----	1,946	-----	786	-----	-----	-----	-----

TON-MILES, OCEANGOING, 6,907,442,443.

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	THROUGH		THROUGH		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	20,472,096	2,210,870	610,211	1,158,498	3,034,265	10,947,526	1,459,415	190,169	856,159
0911 FRESH FISH, EXCEPT SHELLFISH-----	68	-----	-----	68	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	5,469	340	196	4,065	207	-----	443	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	2,851	-----	-----	-----	-----	-----	-----	-----	2,851
1091 NONFERROUS ORES, CONCENT, NEC-----	32,806	-----	-----	-----	-----	-----	-----	-----	32,806
1121 COAL AND LIGNITE-----	1,080,100	1,083,280	-----	-----	-----	4,020	-----	-----	-----
1311 CRUDE PETROLEUM-----	8,302,465	-----	-----	150,540	-----	8,061,127	100,778	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	115,669	115,669	-----	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	2,400	-----	-----	-----	-----	-----	-----	-----	-----
2811 BASIC TEXTILE PRODUCTS-----	784	-----	784	-----	-----	-----	-----	-----	-----

# PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER, TRENTON, N. J., TO THE SEA  
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	THROUGH		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2611 PULP-----	68,959	68,959							
2610 SODIUM HYDROXIDE-----	27,150		1,135		2,368		23,647		
2613 ALCOHOLS-----	6,261			2,157			4,104		
2617 BENZENE AND TOLUENE-----	113,501	8,306	43,549	25,766	6,443	12,917	14,966	1,640	
2618 SULPHURIC ACID-----	243,210			1,600	126,690	74,020	40,700		
2619 BASIC CHEMICALS AND PROD, NEC--	555,779	225,560			179,768	145,520			4,922
2641 SOAP-----	1,830				1,830				
2671 NITROGENOUS CHEM FERTILIZERS--	3,154		3,154						
2672 POTASSIUM CHEM FERTILIZERS--	30				30				
2679 FERTILIZER AND MATERIALS, NEC--	1,200	1,200							
2911 GASOLINE-----	1,604,403	7,507	28,975	108,655	402,000	487,468	119,502	54,719	34,651
2912 JET FUEL-----	453,133	39,132	23,327	344,687	221,775				25,312
2913 KEROSENE-----	97,012	2,125	18,507	8,169	39,174	29,821			1,816
2914 DISTILLATE FUEL OIL-----	1,927,511	160,764	58,892	259,174	410,239	819,058	92,902	84,430	42,050
2915 RESIDUAL FUEL OIL-----	4,342,912	312,837	428,993	588,581	744,616	1,061,724	981,560	26,496	252,191
2916 LUBRICATING OILS AND GREASES--	31,671			1,572	18,125	8,555	3,419		
2917 NAPHTHA, PETROLEUM SOLVENTS--	22,023			1,527		6,752			1,344
2918 ASPHALT, TAR, AND BITUMENS--	391,738	64,642	8,163	44,360	35,513				230,056
2920 COKE, PETROLEUM COKE-----	12,617	4,683			6,824				1,110
2991 PETROLEUM AND COAL PROD, NEC--	135,512	1,375		134,137					
3312 SLAG-----	6,704								6,704
3315 IRON, STEEL SHAPES, EXC SHEET--	44,569							30,684	13,885
3317 IRON AND STEEL PIPE AND TUBE--	1,000	1,000							
3411 FABRICATED METAL PRODUCTS--	210	10			200				
3511 MACHINERY, EXCEPT ELECTRICAL--	3,300	82			1,360	1,000			200
3611 ELECTRICAL MACH AND EQUIP--	716	40			676				
3721 AIRCRAFT AND PARTS-----	10	10							
3811 INSTR, TIME, PHOTO, OPT GOODS--	92	92							
4011 IRON AND STEEL SCRAP-----	7,500			7,500					
4029 WASTE AND SCRAP, NEC-----	197,230								197,230
4111 WATER-----	4,831			420	400	4,011			
4112 COMMODITIES, NEC-----	185,462	109,296	3,000		71,613	475	1,070		
TOTAL-----	784,523,462								

TONS, ALL TRAFFIC, 100,507,913.  
TON-MILES, ALL TRAFFIC, 7,691,965,985.

DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.

SECTION INCLUDED: ALLEGHENY AVE., PHILADELPHIA, PA., TO TRENTON, N. J. 30.5 MILES AND AN AUXILIARY CHANNEL EAST OF BURLINGTON ISLAND EXTENDING FROM THE MAIN CHANNEL TO THE UPPER END OF UNITED STATES PIPE & FOUNDRY CO. AT EAST BURLINGTON, 1.4 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL TO U. S. STEEL CO: OCTOBER 1985, 40.3 FEET, 23.5 MILES; TO THE UPPER END OF NEWBOLD ISLAND IN OCTOBER 1985, 17.0 FEET, 0.5 MILES; IN SEPTEMBER 1984, 13.0 FEET TO TRENTON MARINE TERMINAL, 5.2 MILES; AND IN SEPTEMBER 1984, 6.3 FEET TO THE PENNSYLVANIA RAILROAD BRIDGE AT TRENTON 1.3 MILES. AUXILIARY CHANNEL BURLINGTON ISLAND IN JANUARY 1985, 8.2 FEET. PROJECT DEPTH: 40 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	15,626,657	1	1981-----	11,438,016	14
1977-----	13,564,671	1	1982-----	7,911,578	
1978-----	12,158,003	4	1983-----	9,001,637	
1979-----	12,388,191		1984-----	10,106,738	
1980-----	10,364,210		1985-----	8,615,575	

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	UPBOUND
TOTAL-----	8,615,575	3,711,039	116,042	829,366	506,250	2,337,144	927,431	187,503
0111 SOYBEANS-----	8,260		8,260					
0119 OILSEEDS, NEC-----	420	420						
0121 TOBACCO, LEAF-----	693	420	273					
0129 FIELD CROPS, NEC-----	12	11	1					
0131 FRESH FRUITS-----	17,460	17,460	20					
0132 BANANAS AND PLANTAINS-----	96	96						
0133 COFFEE-----	4,291	4,291						
0134 COCOA BEANS-----	68,790	68,790						
0141 FRESH AND FROZEN VEGETABLES-----	1,007	1,007	0					
0141 ANIMALS AND PRODUCTS, NEC-----	1,334	1,101	193	22	19			
0191 MISCELLANEOUS FARM PRODUCTS-----	25	25						
0841 CRUDE RUBBER AND ALLIED GUMS-----	1		1					
0841 FOREST PRODUCTS, NEC-----	1,277	1,274	3					
0911 FRESH FISH, EXCEPT SHELLFISH-----	3,371	3,330	19	22				
0912 SHELLFISH, EXCEPT PREPARED-----	492	492						
1011 IRON ORE AND CONCENTRATES-----	2,144,125	2,144,125						
1051 ALUMINUM ORES, CONCENTRATED-----	102	97	5					
1091 NONFERROUS ORES, CONCENT, NEC-----	534	533	1					
1121 COAL AND LIGNITE-----	1,003,585		297			1,003,288		
1402 SAND, GRAVEL, CRUSHED ROCK-----	242	117	125					

DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	UPBOUND
1451 CLAY-----	31,459	31,428	31					
1491 SALT-----	1,043	998	22		23			
1492 SULPHUR, DRY-----	43		43					
1494 GYPSUM, CRUDE AND PLASTER-----	333,155	333,155						
1499 NONMETALLIC MINERALS, NEC-----	7,168	6,901	177					
1911 ORDNANCE AND ACCESSORIES-----	166							
2011 MEAT, FRESH, CHILLED, FROZEN-----	16,855	16,809	46					
2012 MEAT AND PRODUCTS, NEC-----	13,440	13,359	57	21	23			
2014 TALLOW, ANIMAL FATS AND OILS-----	17		17					
2015 ANIMAL BY-PRODUCTS, NEC-----	134	134						
2021 DAIRY PRODUCTS, NEC-----	349	326			43			
2022 DRIED MILK AND CREAM-----	290	184	106					
2031 FISH AND SHELLFISH, PREPARED-----	1,994	1,994						
2034 VEGETABLES AND PREP, NEC-----	2,009	2,594	188	192	35			
2039 PREP FRUIT AND VEG JUICE, NEC-----	94,029	93,883	40		106			
2041 WHEAT FLOUR AND SEMOLINA-----	904		904					
2042 ANIMAL FEEDS-----	2,472		2,472					
2049 GRAIN MILL PRODUCTS, NEC-----	147	5	142					
2081 ALCOHOLIC BEVERAGES-----	18,126	18,126			137			
2091 VEGETABLE OILS, MARG, SHORT-----	3,604	3,270	324					
2092 ANIMAL OILS AND FATS, NEC-----	1,326	1,326						
2094 GROCERIES-----	17				17			
2095 ICE-----	1,379	1,379						
2099 MISCELLANEOUS FOOD PRODUCTS-----	274,430	107,171	201	49,329	117,689			
2111 TOBACCO MANUFACTURES-----	7,001	2	106	102	6,711			
2211 BASIC TEXTILE PRODUCTS-----	7,574	5,332	2,190	12	40			
2212 TEXTILE FIBERS, NEC-----	28	28						
2311 APPAREL-----	3,609	151	54	851	2,553			
2411 LOGS-----	58	58						
2413 FUEL WOOD, CHARCOAL, WASTES-----	13	13						
2421 LUMBER-----	4,087	3,999	55	53				
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,446	2,446						
2491 WOOD MANUFACTURES, NEC-----	951	126	35					
2511 FURNITURE AND FIXTURES-----	9,669	5,263	26	714	3,664			
2621 STANDARD NEWSPRINT PAPER-----	5,204	5,204						
2631 PAPER AND PAPERBOARD-----	20,725	19,266	1,459					
2691 PULP AND PAPER PRODUCTS, NEC-----	26,251	296	499	111	25,345			
2711 PRINTED MATTER-----	10,052	1,937	174	1,374	6,567			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	7,196	6,635	2	559				
2912 DYES, PIGMENT, TANNING MATS-----	111	111						
2913 ALCOHOLS-----	126,594	84,643	41	27,145	661	4,104		
2917 BENZENE AND TOLUENE-----	20,395	11,411	4,658			3,926		
2918 SULPHURIC ACID-----	15,600					6,200	9,400	
2919 BASIC CHEMICALS AND PROD, NEC-----	817,639	96,858	21,864	64,667	141,821	245,318	174,268	109,644
2921 PLASTIC MATERIALS-----	11,065	6,035	2,979	124	1,927			
2922 SYNTHETIC RUBBER-----	1,000	794	502					
2923 SYNTHETIC (MAN-MADE) FIBERS-----	556	511	85					
2931 DRUGS-----	2,377	5	2,117		255			
2941 SOAP-----	2,491	75	786			1,630		
2951 PAINTS-----	936	628	187		121			
2961 GUM AND WOOD CHEMICALS-----	220	209	11					
2971 NITROGENOUS CHEM FERTILIZERS-----	10,429	4,564	65	6,200				
2976 INSECTICIDES, DISINFECTANTS-----	735	20	715					
2991 MISCELLANEOUS CHEMICAL PROD-----	30,530	21,797	8,710		23			
2911 GASOLINE-----	232,484	34,600	30	121,847		49,340	26,850	
2912 JET FUEL-----	237,022					237,022		
2913 KEROSENE-----	42,442			17,229		8,484	16,727	
2914 DISTILLATE FUEL OIL-----	794,946			199,042		426,428	134,660	34,816
2915 RESIDUAL FUEL OIL-----	1,067,146	228,811		230,124	18,459	180,865	361,403	43,044
2916 LUBRICATING OILS AND GREASES-----	69,508	10,449	12,035	46,410	225	349		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	52,034	16,412		35,622				
2918 ASPHALT, TAR, AND BITUMENS-----	52		52					
2920 COKE, PETROLEUM COKE-----	343	120	215					
2921 LIQUEFIED GASES-----	85		85					
2991 PETROLEUM AND COAL PROD, NEC-----	148,729	11,400	78	23	3,091		134,137	
3011 RUBBER AND MISC PLASTIC PROD-----	17,912	5,455	581	420	11,456			
3111 LEATHER AND LEATHER PRODUCTS-----	4,748	1,062	38	1,311	2,337			
3211 GLASS AND GLASS PRODUCTS-----	21,033	492	469	77	19,089			
3241 BUILDING CEMENT-----	134		44	12	78			
3251 STRUCTURAL CLAY PRODUCTS-----	7,487	6,056	523		868			
3271 LIME-----	855				855			
3281 CUT STONE AND STONE PRODUCTS-----	2,085	2,074	5	6				
3291 MISC NONMETALLIC MINERAL PROD-----	3,065	2,496	256	313				
3310 IRON AND STEEL PRIMARY FORMS-----	474	434	40					
3315 IRON, STEEL SHAPES, ETC SHEET-----	110,555	109,813	119		623			
3316 IRON AND STEEL PLATES, SHEETS-----	10,953	771	9,832		250			
3317 IRON AND STEEL PIPE AND TUBE-----	19,744	19,721	23					
3318 FERROALLOYS-----	11,772	11,758	17					
3319 IRON AND STEEL PRODUCTS, NEC-----	62,334	370	1,095	44	40,625			
3321 NONFERROUS METALS, NEC-----	5,554	508	7		5,039			
3322 COPPER ALLOYS, UNWORKED-----	948	907	19		22			
3323 LEAD AND ZINC, UNWORKED-----	13,593	12,662	931					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	10,287	10,178	109					
3411 FABRICATED METAL PRODUCTS-----	17,444	9,937	405	734	6,320			
3411 MACHINERY, EXCEPT ELECTRICAL-----	59,451	49,160	2,927	56	6,791			
3412 ELECTRICAL MACH AND EQUIP-----	19,861	3,726	2,892	2,782	18,591			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	9,737	5,715	4,017		5			
3721 AIRCRAFT AND PARTS-----	16	2	4			10		
3731 SHIPS AND BOATS-----	23	1	8					
3791 MISC TRANSPORTATION EQUIPMENT-----	193		193					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	374	131	119	127				
3911 MISC MANUFACTURED PRODUCTS-----	1,267	702	24	541				
4011 IRON AND STEEL SCRAP-----	13,661		12,217		1,444			
4012 NONFERROUS METAL SCRAP-----	3,151		3,151					

PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	UPBOUND
4022 TEXTILE WASTE, SCRAP, SHEEP-----	1,960	590	1,590	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	100	-----	100	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	4,563	-----	-----	1,590	2,967	-----	-----	-----
4111 WATER-----	400	-----	-----	-----	-----	400	-----	-----
4112 COMMODITIES, NEC-----	246,337	2,330	964	-----	94,545	91,300	56,110	-----
9000 DEPARTMENT OF DEFENSE AND SCI-----	200	-----	200	-----	-----	-----	-----	-----
TOTAL TON-MILES, 150,515,005,								

DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA

SECTION INCLUDED: DEEPWATER IN DELAWARE BAY TO ALLEGHENY AVE., PHILADELPHIA, PA., 96.5 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: IN AUGUST 1985, 39.8 FEET TO THE PHILADELPHIA NAVAL BASE, 88 MILES; THENCE IN AUGUST 1985, 32.7 FEET IN MIDDLE HALF OF THE WEST SIDE OF THE CHANNEL AND IN AUGUST 1985, 40.0 FEET IN MIDDLE HALF OF THE EAST SIDE OF THE CHANNEL THROUGH PHILADELPHIA HARBOR, 8.5 MILES. PROJECT DEPTH: 40 FEET FROM THE SEA TO PHILADELPHIA NAVAL BASE, THENCE 40 FEET DEEP ON THE WEST SIDE AND 37 FEET DEEP ON THE EAST SIDE OF THE CHANNEL TO ALLEGHENY AVE. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC		AUTOMOBILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT	EMPTY	LOADED
1976-----	110,519,261	1,140,723	22,608,050	2,072	3,503	171,530
1977-----	111,034,533	1,175,910	20,593,313	1,529	2,513	181,500
1978-----	110,768,375	1,282,049	21,118,401	1,616	1,693	214,000
1979-----	119,035,156	1,443,570	21,069,000	703	930	203,056
1980-----	98,205,452	1,426,211	20,792,003	393	410	230,261
1981-----	92,019,540	1,450,700	19,506,983	390	625	254,122
1982-----	81,619,754	1,425,185	16,561,700	40	110	311,150
1983-----	76,498,614	1,623,404	16,267,760	-----	-----	301,102
1984-----	79,010,505	1,506,520	18,221,770	-----	-----	283,030
1985-----	83,609,445	1,550,470	16,610,430	-----	-----	300,617

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	83,609,445	50,129,000	5,930,075	4,000,209	5,705,071	1,562,440	4,337,035	11,157,927
0103 CORN-----	277	-----	277	-----	-----	-----	-----	-----
0105 RICE-----	100	22	70	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	396	351	45	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	1,673	1,605	20	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	6,964	6,951	13	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	29,966	29,262	724	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	149	149	-----	-----	-----	-----	-----	-----
0133 COFFEE-----	6,645	6,645	-----	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	50,190	49,750	440	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	1,870	1,806	193	-----	-----	-----	-----	-----
0141 ANIMALS AND PRODUCTS, NEC-----	17,557	14,620	2,937	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	83	60	15	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,625	1,554	71	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	4,127	2,767	1,360	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	18,945	16,951	1,926	-----	-----	-----	40	-----
0912 SHELLFISH, EXCEPT PREPARED-----	6,545	965	111	-----	-----	466	4,272	751
0931 MARINE SHELLS, UNMANUFACTURED-----	10	10	-----	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	1,430,430	1,430,203	227	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	42,863	42,820	35	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	207	207	-----	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	3,400	3,490	482	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	4,901,973	-----	4,390,011	-----	507,162	-----	-----	4,820
1311 CRUDE PETROLEUM-----	53,657,459	42,474,023	-----	2,541,906	49,165	-----	150,560	6,241,905
1411 LIMESTONE-----	45,530	0	45,522	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	119,336	557	3,110	-----	-----	119,669	-----	-----
1451 CLAY-----	31,457	30,046	1,411	-----	-----	-----	-----	-----
1491 SALT-----	55,205	55,205	-----	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	60	-----	60	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	297,013	296,055	90	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	23,520	21,773	1,747	-----	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	47	30	0	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	242,060	239,000	3,060	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	2,223	1,960	263	-----	-----	-----	-----	-----
2010 TALLOW, ANIMAL FATS AND OILS-----	152	-----	152	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	2,134	1,394	730	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	23,617	23,400	209	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	4,805	260	4,225	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	1,559	1,056	193	-----	-----	-----	-----	-----
2030 VEGETABLES AND PREP, NEC-----	8,601	7,900	707	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	200,305	207,003	72	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	91,336	106	91,230	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	1,313	1,100	160	-----	-----	-----	-----	-----
2061 SUGAR-----	20,000	20,000	-----	-----	-----	-----	-----	-----



FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONE)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2001 ALCOHOLIC BEVERAGES-----	65,076	63,209	1,767	-----	-----	-----	-----	-----
2001 VEGETABLE OILS, WARD, SHORT-----	5,587	4,632	955	-----	-----	-----	-----	-----
2002 ANIMAL OILS AND PRODUCTS, NEC-----	756	756	-----	-----	-----	-----	-----	-----
2003 ICE-----	4,113	4,113	2	-----	-----	-----	-----	-----
2009 MISCELLANEOUS FOOD PRODUCTS-----	60,765	56,161	2,204	-----	-----	2,400	-----	-----
2111 TOBACCO MANUFACTURES-----	282	29	253	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	8,167	3,493	3,600	-----	-----	784	-----	-----
2212 TEXTILE FIBERS, NEC-----	692	692	-----	-----	-----	-----	-----	-----
2311 APPAREL-----	929	720	209	-----	-----	-----	-----	-----
2411 LOGS-----	664	767	67	-----	-----	-----	-----	-----
2412 TIMBER, POLES, POLES, PILING-----	2,094	2,094	-----	-----	-----	-----	-----	-----
2415 PULPHOOD, LOGS-----	17,694	17,694	-----	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	133	133	-----	-----	-----	-----	-----	-----
2421 LUMBER-----	100,449	178,430	2,911	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	211,250	211,250	-----	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	7,256	6,526	730	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	5,537	5,026	611	-----	-----	-----	-----	-----
2611 PULP-----	49,179	49	179	-----	-----	48,959	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	143,087	143,087	4	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	303,116	379,994	3,120	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	4,966	1,111	3,855	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	3,383	2,243	1,140	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	173,360	-----	126,107	20,111	1,135	2,360	23,647	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	36,976	1,488	20,155	6,333	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	74	-----	74	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	92,919	49,127	503	45,948	4,104	2,157	-----	-----
2817 BENZENE AND TOLUENE-----	216,009	54,835	4	47,323	1,904	55,581	32,203	23,957
2818 SULPHURIC ACID-----	247,347	-----	-----	5,737	8,000	3,800	129,090	104,720
2819 BASIC CHEMICALS AND PROD, NEC-----	1,357,080	1,065,280	71,536	181,110	2,708	-----	21,249	16,128
2821 PLASTIC MATERIALS-----	41,506	23,636	10,438	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	3,393	1,002	1,891	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,367	500	867	-----	-----	-----	-----	-----
2831 DRUGS-----	2,621	1,355	1,266	-----	-----	-----	-----	-----
2841 SOAP-----	3,661	1,321	2,340	-----	-----	-----	-----	-----
2851 PAINTS-----	27,459	26,485	974	-----	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICAL-----	15,651	51	343	15,257	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	33,530	16,364	33	11,872	2,113	3,154	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	194	139	25	-----	-----	-----	30	-----
2876 INSECTICIDES, DISINFECTANTS-----	1,316	99	1,217	-----	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	1,670	2	468	-----	-----	1,200	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	70,151	36,167	31,360	1,071	1,553	1,023,650	517,903	-----
2911 GAS OIL-----	3,004,906	323,613	49	302,359	1,690,936	36,196	552,280	1,200,000
2912 JET FUEL-----	891,923	12,833	94	-----	200,718	31,878	3,007	23,060
2913 KEROSENE-----	97,117	-----	-----	-----	1,307	1,307	-----	-----
2914 DISTILLATE FUEL OIL-----	3,414,031	40,127	10,459	217,559	1,597,517	130,470	871,997	539,902
2915 RESIDUAL FUEL OIL-----	6,696,301	961,204	-----	659,867	1,120,495	986,619	1,401,536	1,566,498
2916 LUBRICATING OILS AND GREASES-----	1,016,007	86,925	121,367	609,894	171,150	-----	20,006	11,565
2917 NAPHTHA, PETROLEUM SOLVENTS-----	166,809	2,210	404	110,120	25,380	-----	13,927	6,752
2918 ASPHALT, TAR, AND BITUMENS-----	494,721	111,754	23,459	-----	206,830	72,605	44,360	55,513
2920 COKE, PETROLEUM COKE-----	250,104	-----	230,597	-----	-----	4,683	6,824	-----
2921 LIQUEFIED GASES-----	53,520	38,574	10,946	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	110	-----	110	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	5,835	62	991	3,407	-----	1,375	-----	-----
3011 RUBBER AND MISCELLANEOUS PLASTIC PROD-----	8,976	5,821	3,155	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	806	603	203	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	16,055	4,051	12,004	-----	-----	-----	-----	-----
3221 BUILDING CEMENT-----	22,833	22,822	-----	-----	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	9,311	-----	3,397	-----	-----	-----	-----	-----
3261 CUT STONE AND STONE PRODUCTS-----	1,089	1,930	11	-----	-----	-----	-----	-----
3291 MISCELLANEOUS MINERAL PROD-----	5,167	3,249	1,918	-----	-----	-----	-----	-----
3311 PIG IRON-----	36,252	30,252	-----	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	67,762	67,720	34	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	600,705	600,489	216	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	6,850	1,898	4,952	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	159,146	157,952	194	-----	-----	1,000	-----	-----
3318 FERROALLOYS-----	1,434	1,233	201	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	10,322	10,914	308	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	6,509	6,785	224	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	6,682	6,027	615	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	5,983	5,488	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	11,393	11,393	1,011	-----	-----	-----	-----	-----
3321 FABRICATED METAL PRODUCTS-----	56,132	52,904	3,918	-----	-----	10	200	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	46,020	56,711	7,927	30	162	922	1,368	1,000
3611 ELECTRICAL MACH AND EQUIP-----	13,475	10,084	3,173	-----	-----	40	676	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	43,392	19,283	24,109	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	139	51	88	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	860	844	24	-----	-----	-----	-----	-----
3791 MISCELLANEOUS TRANSPORTATION EQUIPMENT-----	3,720	3,312	408	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,798	1,367	1,330	-----	-----	92	-----	-----
3911 MISCELLANEOUS MANUFACTURED PRODUCTS-----	3,335	3,041	294	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	708,697	6,418	699,979	-----	-----	-----	7,500	-----
4012 NONFERROUS METAL SCRAP-----	39,232	29,649	14,593	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	2,337	1,191	2,166	-----	-----	-----	-----	-----
4111 WASTE AND SCRAP-----	2,570	2,570	-----	-----	-----	-----	-----	-----
4111 WATER-----	-----	-----	-----	-----	-----	820	4,011	-----
4112 COMMODITIES, NEC-----	42,081	1,000	2,326	-----	-----	28,907	15,495	1,953
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,736	-----	1,736	-----	-----	-----	-----	-----
TOTAL TON-MILES, 7,541,490,420.	-----	-----	-----	-----	-----	-----	-----	-----

# PHILADELPHIA, PA, DISTRICT

65

DELAWARE RIVER AT CAMDEN, N. J.,  
(INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA)

SECTION INCLUDED: NEWTON CREEK, N. J. TO COOPER POINT, N. J., 4 MILES. CONTROLLING DEPTH: AUGUST 1985, 24.7 FEET FROM NEWTON CREEK TO BENNETT ST. AND THENCE IN JUNE 1985, 10.2 FEET TO COOPER POINT. PROJECT DEPTH: 18 FEET, 30 FEET AND 37 FEET AT MEAN LOW WATER (37 FEET DEFERRED FOR RE-STUDY).

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	2,350,574	896	1981	3,392,403	
1977	2,536,451	300	1982	2,644,054	
1978	2,622,375	147	1983	2,940,124	
1979	2,647,060		1984	3,395,911	
1980	3,092,485		1985	4,572,983	

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS	
TOTAL	4,572,983	2,773,619	1,050,484	56,695	461,300	216,538	5,257
0103 CORN	20		20				
0105 RICE	74	22	52				
0119 OILSEEDS, NEC	12	12					
0121 TOBACCO, LEAF	57	49					
0129 FIELD CROPS, NEC	6,865	6,865					
0131 FRESH FRUITS	26,433	26,150	283				
0132 BANANAS AND PLANTAINS	72	72					
0133 COFFEE	840	840					
0134 COCOA BEANS	4,620	4,620					
0141 FRESH AND FROZEN VEGETABLES	748	400	148				
0161 ANIMALS AND PRODUCTS, NEC	5,324	5,243	81				
0191 MISCELLANEOUS FARM PRODUCTS	2	2					
0841 CRUDE RUBBER AND ALLIED GUMS	83	82	1				
0861 FOREST PRODUCTS, NEC	132	41	91				
0911 FRESH FISH, EXCEPT SHELLFISH	9,033	7,671	1,362				
0912 SHELLFISH, EXCEPT PREPARED	219	141	78				
1011 IRON ORE AND CONCENTRATES	57	57					
1051 ALUMINUM ORES, CONCENTRATES	8,254	8,254					
1091 NONFERROUS ORES, CONCENT, NEC	3,523	3,477	46				
1121 COAL AND LIGNITE	224,891		224,871		4,020		
1311 CRUDE PETROLEUM	895,922	895,922					
1402 SAND, GRAVEL, CRUSHED ROCK	500	491	9				
1451 CLAY	232	232					
1491 GYPSUM, CRUDE AND PLASTERS	27,447	27,447					
1499 NONMETALLIC MINERALS, NEC	265,817	265,760	57				
2011 MEAT, FRESH, CHILLED, FROZEN	16,737	16,677	60				
2012 MEAT AND PRODUCTS, NEC	95,292	94,600	692				
2014 TALLOW, ANIMAL FATS AND OILS	604	550	54				
2015 ANIMAL BY-PRODUCTS, NEC	6	6					
2021 DAIRY PRODUCTS, NEC	1,049	489	560				
2022 DRIED MILK AND CREAM	9,679	9,472	207				
2031 FISH AND SHELLFISH, PREPARED	1,363	75	1,288				
2034 VEGETABLES AND PREP, NEC	4	4					
2039 PREP FRUIT AND VEG JUICE, NEC	1,153	716	437				
2042 ANIMAL FEEDS	159,404	159,363	41				
2049 GRAIN MILL PRODUCTS, NEC	90,821	90,821					
2061 SUGAR	86	32	54				
2081 ALCOHOLIC BEVERAGES	29,466	29,466					
2091 VEGETABLE OILS, LONG, SHORT	1,711	1,310	393				
2092 ANIMAL OILS AND FATS, NEC	350	289	61				
2099 MISCELLANEOUS FOOD PRODUCTS	631	631					
2111 TOBACCO MANUFACTURES	16,809	15,952	857				
2211 BASIC TEXTILE PRODUCTS	75	13	62				
2311 APPAREL	1,292	589	613				
2411 LUMBER	159	37	122				
2414 TIMBER, POSTS, POLES, PILING	107	107					
2416 WOOD CHIPS, STAVES, MOLDINGS	2,906	2,906					
2421 LUMBER	51	51					
2431 VENEER, PLYWOOD, WORKED WOOD	172,546	172,465	81				
2491 WOOD MANUFACTURES, NEC	205,592	205,592					
2511 FURNITURE AND FIXTURES	5,500	5,498	2				
2611 PULP	592	400	192				
2631 PAPER AND PAPERBOARD	176	176					
2691 PULP AND PAPER PRODUCTS, NEC	4,306	3,791	595				
2711 PRINTED MATTER	2,763	140	2,623				
2811 CRUDE TAR, OIL, GAS PRODUCTS	573	85	488				
2812 DYES, PIGMENT, TANNING MATS	2	2					
2817 BENZENE AND TOLUENE	8	8					
2819 BASIC CHEMICALS AND PROD, NEC	3	3					
2821 PLASTIC MATERIALS	71,923	69,620	2,303				
2822 SYNTHETIC RUBBER	19,047	17,350	1,697				
2823 SYNTHETIC (MAN-MADE) FIBERS	134	134					
2831 DRUGS	93	93					
2841 SOAP	32	6	26				
2891 PAINTS	835	60	773				
2861 GUN AND WOOD CHEMICAL	596	189	407				
2871 NITROGENOUS CHEM FERTILIZERS	23	23					
2876 INSECTICIDES, DISINFECTANTS	170	167	11				
2879 FERTILIZER AND MATERIALS, NEC	77	77					
2891 MISCELLANEOUS CHEMICAL PROD	49	49					
2911 SADDLERY	22,333	21,390	943				
2912 JET FUEL	8	8					
2913 KEROSENE	2,139				2,139		
	6,502				3,599	2,903	

## Waterborne Commerce of the United States, 1985

DELAWARE RIVER AT CAMDEN, N. J.  
(INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA)--CONTINUED

## FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS SHIPMENTS	
2914 DISTILLATE FUEL OIL	117,610	5	15,181	77,260	25,164	
2915 RESIDUAL FUEL OIL	785,730	196,665	41,514	366,374	176,520	5,257
2916 LUBRICATING OILS AND GREASES	496	363		113		
2918 ASPHALT, TAR, AND PITCHES	580	591	87			
2920 COKE, PETROLEUM COKE	6,037			4,643	3,354	
2921 LIQUEFIED GASES	232	237				
2991 PETROLEUM AND COAL PROD., NEC	91	91				
3011 RUBBER AND MISC PLASTIC PROD.	1,930	121	909			
3111 LEATHER AND LEATHER PRODUCTS	140	70	70			
3211 GLASS AND GLASS PRODUCTS	4,475	586	4,089			
3291 BUILDING CEMENT	18	18				
3291 STRUCTURAL CLAY PRODUCTS	23	36	27			
3291 CUT STONE AND STONE PRODUCTS	30	19	11			
3291 MISC NONMETALLIC MINERAL PROD.	960	735	233			
3311 PIG IRON	30,252	30,252				
3314 IRON AND STEEL PRIMARY FORMS	29,597	29,570	19			
3315 IRON, STEEL SHAPES, EXC SHEET	202,181	202,161	20			
3316 IRON AND STEEL PLATES, SHEETS	1,112	729	383			
3317 IRON AND STEEL PIPE AND TUBE	113,350	113,319	31			
3318 FERROALLOYS	10	7	12			
3319 IRON AND STEEL PRODUCTS, NEC	975	846	129			
3321 NONFERROUS METALS, NEC	2,967	2,950	17			
3322 COPPER ALLOYS, UNWORKED	2,423	2,403	20			
3323 LEAD AND ZINC, UNWORKED	2,418	2,373	45			
3324 ALUMINUM AND ALLOYS, UNWORKED	5,256	6,397	909			
3411 FABRICATED METAL PRODUCTS	27,092	26,186	906			
3511 MACHINERY, EXCEPT ELECTRICAL	6,067	1,999	1,825	1,146	1,097	
3611 ELECTRICAL MACH AND EQUIP	2,119	1,303	816			
3711 MOTOR VEHICLES, PARTS, EQUIP	21,442	1,003	20,439			
3721 AIRCRAFT AND PARTS	42		42			
3731 SHIPS AND BOATS	537	514	21			
3791 MISC TRANSPORTATION EQUIPMENT	171		171			
3811 INSTR, TIME, PHOTO, OPT GOODS	430	6	424			
3911 MISC MANUFACTURED PRODUCTS	89	87	22			
4011 IRON AND STEEL SCRAP	696,542	689,042			7,500	
4012 NONFERROUS METAL SCRAP	7,925	1,413	5,612			
4022 TEXTILE WASTE, SCRAP, SHEEP	856	42	814			
4111 WATER	1,256		1,256			
4112 COMMODITIES, NEC	1,051	593	458			
9999 DEPARTMENT OF DEFENSE AND SCI	13		13			

SCHUYLKILL RIVER, PA. (INCLUDED IN PHILADELPHIA HARBOR, PA.)

SECTION INCLUDED: DELAWARE RIVER TO UNIVERSITY AVENUE BRIDGE, PHILADELPHIA, 6.5 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: AUGUST 1985, 25.8 FEET TO UPPER END OF BERTH #1, ARCO BALLAST WHARF, MARCH 1985, 20.0 FEET TO PASSYUNK AVENUE BRIDGE, (MINIMUM DEPTH IN RIGHT OUTSIDE QUARTER 27.6 FEET), 8 MILES) THENCE IN AUGUST 1985, 25.6 FEET TO GIBSON POINT, 1 MILE) THENCE IN JULY 1983, 18.9 FEET TO UNIVERSITY AVENUE BRIDGE) 1.5 MILES. PROJECT DEPTH: 33 FEET TO PASSYUNK AVENUE BRIDGE; THENCE 26 FEET TO GIBSON POINT; AND THENCE 22 FEET TO UNIVERSITY AVENUE BRIDGE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	13,781,512	1981	11,102,245
1977	12,673,041	1982	11,514,657
1978	14,200,311	1983	10,401,671
1979	14,910,130	1984	9,400,523
1980	14,304,536	1985	7,597,545

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS SHIPMENTS	
TOTAL	7,597,545	453,421	686,184	434,880	1,860,866	1,601,164
0103 CORN	607,778		607,778			
0107 WHEAT	34,720		34,720			
0111 SOYBEANS	185,578		185,578			
1311 CRUDE PETROLEUM	229,493			171,135	58,358	
1404 SYRUP, CRUDE AND PLASTERS	246,234					
2711 PRINTED MATTER	4					
2810 SODIUM HYDROXIDE	1,135					1,135
2818 ALCOHOLS	2,157					2,157
2917 BENZENE AND TOLUENE	87,457	7,730		9,778	27,680	43,349
2919 BASIC CHEMICALS AND PROD, NEC	261,340	3,643		27,096	238,691	
3011 GASOLINE	1,025,908	30,264		149,671	587,378	103,706
3012 JET FUEL	216,592				184,536	75,767
3015 KEROSENE	65,946				18,399	22,240
3016 DISTILLATE FUEL OIL	1,061,611				364,535	397,748
3018 RESIDUAL FUEL OIL	2,453,517	128,075			401,032	767,247
3019 LUBRICATING OILS AND GREASES	85,461			83,827	1,634	
3017 NAPHTHA, PETROLEUM SOLVENTS	18,884			3,613	13,927	1,340
3018 ASPHALT, TAR, AND PITCHES	580,188				298,056	280,692

## SCHUYLKILL RIVER, PA. (INCLUDED IN PHILADELPHIA HARBOR, PA.)--CONTINUED

## FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWIDE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2921 LIQUEFIED GASES-----	25,362	25,362						
2991 PETROLEUM AND COAL PROD, NEC-----	136,815			1,636		136,137		642
3313 IRON, STEEL SHAPES, EXC SHEET-----	7,229	7,229						
3316 IRON AND STEEL PLATES, SHEETS-----	6	6						
3317 IRON AND STEEL PIPE AND TUBE-----	2,104	2,104						
3319 IRON AND STEEL PRODUCTS, NEC-----	20	20						
3324 ALUMINUM AND ALLOYS, UNWORKED-----	250	250						
3411 FABRICATED METAL PRODUCTS-----	91	91						
3511 MACHINERY, EXCEPT ELECTRICAL-----	245	45					200	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,154	2,154						
4011 IRON AND STEEL SCRAP-----	50,108		50,108					
4029 WASTE AND SCRAP, NEC-----	197,230						197,230	
4111 WATER-----	200					200		
TOTAL TON-MILES, 25,325,223.								

PHILADELPHIA HARBOR, PA. (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER, PHILADELPHIA, PA. TO THE SEA AND SCHUYLKILL RIVER, PA.)

SECTION INCLUDED: DELAWARE RIVER FROM THE LOWER DOCK AT HOG ISLAND, BELOW THE MOUTH OF SCHUYLKILL RIVER, TO THE MOUTH OF POSSESSING CREEK, THE UPPER LIMIT OF THE CITY, 23 MILES AND SCHUYLKILL RIVER FROM ITS MOUTH TO FAIRMOUNT DAM, 8.4 MILES. FOR CONTROLLING AND PROJECT DEPTH SEE TABLES OF INDIVIDUAL REFERENCED PROJECTS.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	50,603,564	481,236	1981-----	41,563,732	507,564
1977-----	49,710,565	400,508	1982-----	31,936,235	507,614
1978-----	50,822,894	407,604	1983-----	29,808,414	532,024
1979-----	54,845,960	532,773	1984-----	28,509,784	443,539
1980-----	47,882,836	496,313	1985-----	32,600,108	261,677

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWIDE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	32,600,108	15,880,713	5,608,938	1,790,414	2,476,425	3,950,217	2,004,805	920,596
0103 CORN-----	608,015		608,015					
0105 RICE-----	26		26					
0107 WHEAT-----	34,720		34,720					
0111 SOYBEANS-----	193,846		193,846					
0119 OILSEEDS, NEC-----	654		654					
0121 TOBACCO, LEAF-----	2,222	1,929	293					
0129 FIELD CROPS, NEC-----	105	91	14					
0131 FRESH FRUITS-----	20,482	20,421	461					
0132 BANANAS AND PLANTAINS-----	113	113						
0133 COFFEE-----	5,025	5,025						
0134 COCOA BEANS-----	106,364	105,924	440					
0141 FRESH AND FROZEN VEGETABLES-----	1,501	1,486	94	22	19			
0161 ANIMALS AND PRODUCTS, NEC-----	12,429	10,500	1,929					
0191 MISCELLANEOUS FARM PRODUCTS-----	106	91	15					
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,542	1,471	71					
0861 FOREST PRODUCTS, NEC-----	5,230	3,989	1,290					
0911 FRESH FISH, EXCEPT SHELLFISH-----	12,449	12,282	145	22				
0912 SHELLFISH, EXCEPT PREPARED-----	1,062	1,029	33					
0931 MARINE SHELLS, UNMANUFACTURED-----	10	170						
1011 IRON ORE AND CONCENTRATES-----	1,430,373	1,430,203	170					
1051 ALUMINUM ORES, CONCENTRATES-----	164	124	40					
1061 MANGANESE ORES, CONCENTRATES-----	207		207					
1091 NONFERROUS ORES, CONCENT, NEC-----	991	584	437					
1121 COAL AND LIGNITE-----	4,602,199		4,176,237		507,142		4,020	
1311 CRUDE PETROLEUM-----	13,999,810	10,000,515		1,293,097		1,906,360	1,030	
1411 LIMESTONE-----	43,530	0	43,522					
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,409	103	3,286					
1451 CLAY-----	32,625	31,186	1,439					
1491 SALT-----	28,081	28,036	22		23			
1492 SULPHUR, DRY-----	74		74					
1494 GYPSUM, CRUDE AND PLASTERS-----	246,246	246,237	9					
1499 NONMETALLIC MINERALS, NEC-----	6,056	6,327	1,729					
1911 ORDNANCE AND ACCESSORIES-----	213	205	8					
2011 MEAT, FRESH, CHILLED, FROZEN-----	163,337	161,001	2,136					
2012 MEAT AND PRODUCTS, NEC-----	13,939	14,749	260	21	23			
2014 TALLOW, ANIMAL FATS AND OILS-----	143		103					
2015 ANIMAL BY-PRODUCTS, NEC-----	1,170	1,041	138					
2021 DAIRY PRODUCTS, NEC-----	14,305	14,268	43					
2022 DRIED MILK AND CREAM-----	3,412	349	3,043					
2031 FISH AND SHELLFISH, PREPARED-----	3,397	3,294	103					
2034 VEGETABLES AND PREP, NEC-----	10,285	9,569	489	102	38			
2039 PREP FRUIT AND VEG JUICE, NEC-----	120,992	120,145	741		104			
2041 WHEAT FLOUR AND SEMOLINA-----	994		994					
2042 ANIMAL FEEDS-----	2,767	23	2,744					

PHILADELPHIA HARBOR, PA. (INCLUDED IN DELAWARE RIVER BETWEEN  
PHILADELPHIA, PA., AND TRENTON, N. J.; DELAWARE RIVER,  
PHILADELPHIA, PA. TO THE SEA AND SCHUYLKILL RIVER, PA.)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWIDE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2000 GRAIN MILL PRODUCTS, NEC-----	1,290	1,000	292					
2001 ALCOHOLIC BEVERAGES-----	76,152	75,423	592		137			
2091 VEGETABLE OILS, MARG, SHORT-----	0,033	7,615	410					
2092 ANIMAL OILS AND FATS, NEC-----	1,401	1,399	2					
2094 GROCERIES-----	17				17			
2095 ICE-----	6,092	6,092						
2099 MISCELLANEOUS FOOD PRODUCTS-----	150,213	149,943	1,593	364	953	2,400		
2111 TOBACCO MANUFACTURES-----	315	10						
2211 BASIC TEXTILE PRODUCTS-----	16,407	6,107	5,464	12	40	784		
2212 TEXTILE FIBERS, NEC-----	500	500						
2311 APPAREL-----	1,460	739	155	2	584			
2411 LOGS-----	775	708	67					
2413 FUEL WOOD, CHARCOAL, WASTES-----	13	13						
2415 PULPWOOD, LOGS-----	17,694	17,694						
2416 WOOD CHIPS, STAVES, HOLDINGS-----	82	82						
2421 LUMBER-----	9,191	7,204	1,905					
2431 VENEER, PLYWOOD, WORKED WOOD-----	8,104	8,104						
2491 WOOD MANUFACTURES, NEC-----	2,647	1,797	850					
2511 FURNITURE AND FIXTURES-----	10,291	9,831	451		9			
2611 PULP-----	44							
2621 STANDARD NEWSPRINT PAPER-----	149,191	149,187	4					
2631 PAPER AND PAPERBOARD-----	397,605	395,690	3,915					
2691 PULP AND PAPER PRODUCTS, NEC-----	2,987	1,254	1,678		55			
2711 PRINTED MATTER-----	4,709	3,902	800		7			
2810 SODIUM HYDROXIDE-----	3,680					2,545	1,135	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	8,914	7,726	629	559				4,104
2812 DYES, PIGMENT, TANNING MATS-----	174		174					
2813 ALCOHOLS-----	183,851	102,648	624	73,437	661	2,157		
2817 BENZENE AND TOLUENE-----	107,855	10,541	4,661		8,778	27,600	87,275	
2818 SULPHURIC ACID-----	15,600					6,200	9,400	
2819 BASIC CHEMICALS AND PROD, NEC-----	1,294,935	581,793	45,670	83,004	46,317	19,749	183,190	335,212
2821 PLASTIC MATERIALS-----	31,325	10,969	18,305	124	1,927			
2822 SYNTHETIC RUBBER-----	4,046	1,800	2,246					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,708	971	737					
2831 DRUGS-----	4,813	1,224	3,334		255			
2841 SOAP-----	5,371	1,302	2,239				1,830	
2851 PAINTS-----	5,792	4,944	727		121			
2861 GUM AND WOOD CHEMICALS-----	15,646	237	354	15,257				
2871 NITROGENOUS CHEM FERTILIZERS-----	41,035	20,763	87	18,072	2,113			
2872 POTASSIC CHEM FERTILIZERS-----	194	139	25				30	
2876 INSECTICIDES, DISINFECTANTS-----	1,877	119	1,750					
2879 FERTILIZER AND MATERIALS, NEC-----	1,621	2	419			1,200		
2891 MISCELLANEOUS CHEMICAL PROD-----	50,737	36,467	13,176	1,071	23			
2911 GASOLINE-----	1,161,336	60,866	75	230,002	601,248	186,160	75,175	5,818
2912 JET FUEL-----	226,183				186,536	9,591	22,227	7,029
2913 KEROSENE-----	71,733				18,359	19,520	22,248	11,066
2914 DISTILLATE FUEL OIL-----	1,236,636		10,454	38,000	364,535	481,921	231,427	110,001
2915 RESIDUAL FUEL OIL-----	2,841,718	148,377			426,489	1,087,083	673,387	308,176
2916 LUBRICATING OILS AND GREASES-----	18,259	15,822	15,587	83,827	87	1,572	1,822	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	71,875	16,412	404	39,788		13,927	1,364	
2918 ASPHALT, TAR, AND BITUMENS-----	584,498	116	274		294,056	294,052		
2920 COKE, PETROLEUM COKE-----	242,276	120	238,678				3,470	
2921 LIQUEFIED GASES-----	36,680	36,704	86					
2931 ASPHALT BUILDING MATERIALS-----	101		101					
2991 PETROLEUM AND COAL PROD, NEC-----	150,015	11,442	971	2,248		1,375		134,779
3011 RUBBER AND MISC PLASTIC PROD-----	10,784	10,908	2,771		1,065			
3111 LEATHER AND LEATHER PRODUCTS-----	1,647	1,476	171					
3211 GLASS AND GLASS PRODUCTS-----	14,057	3,551	8,355		2,551			
3241 BUILDING CEMENT-----	306	194	72		78			
3251 STRUCTURAL CLAY PRODUCTS-----	13,612	12,005	939		868			
3271 LIME-----	855				855			
3281 CUT STONE AND STONE PRODUCTS-----	3,995	3,990	5					
3291 MISC NONMETALLIC MINERAL PROD-----	6,681	4,761	1,920					
3314 IRON AND STEEL PRIMARY FORMS-----	39,639	39,584	55					
3315 IRON, STEEL SHAPES, EXC SHEET-----	511,660	510,726	311		623			
3316 IRON AND STEEL PLATES, SHEETS-----	15,292	788	14,254		250			
3317 IRON AND STEEL PIPE AND TUBE-----	66,580	66,450	130					
3318 FERROALLOYS-----	1,063	1,781	82					
3319 IRON AND STEEL PRODUCTS, NEC-----	10,795	9,553	1,242					
3321 NONFERROUS METALS, NEC-----	9,085	3,833	213		5,039			
3322 COPPER ALLOYS, UNWORKED-----	4,937	4,302	613		22			
3323 LEAD AND ZINC, UNWORKED-----	16,315	15,384	931					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	25,655	25,482	173					
3411 FABRICATED METAL PRODUCTS-----	39,280	36,451	2,448	391	20	10		
3511 MACHINERY, EXCEPT ELECTRICAL-----	114,665	103,727	8,526	162	603	676	1,171	
3611 ELECTRICAL MACH AND EQUIP-----	17,377	12,085	5,012		274		6	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	33,667	26,140	7,514					
3721 AIRCRAFT AND PARTS-----	82	55	29					
3731 SHIPS AND BOATS-----	78	55	25					
3791 MISC TRANSPORTATION EQUIPMENT-----	3,727	3,312	415					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,446	1,491	863			92		
3911 MISC MANUFACTURED PRODUCTS-----	3,927	3,649	278					
4011 IRON AND STEEL SCRAP-----	77,706		76,262		1,446			
4012 NONFERROUS METAL SCRAP-----	30,657	10,795	12,062					
4022 TEXTILE WASTE, SCRAP, SHEEP-----	3,081	539	2,042					
4024 PAPER WASTE AND SCRAP-----	2,284		2,204					
4029 WASTE AND SCRAP, NEC-----	197,230					197,230		
8111 WATERS-----	4,831						3,226	1,605
8112 COMMODITIES, NEC-----	192,653	5,484	2,736	780	3,821	109,395	72,385	52
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,933		1,933					

# PHILADELPHIA, PA, DISTRICT

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TRENTON HARBOR, N. J. (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.)

SECTION INCLUDED: OIL TERMINALS AT DUCK ISLAND TO PERRY STREET, TRENTON, N. J., 3.8 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: DUCK ISLAND TO TRENTON MARINE TERMINAL, IN SEPTEMBER 1984, 13.0 FEET; AND THENCE TO PENNSYLVANIA R. R. BRIDGE AT TRENTON IN SEPTEMBER 1984, 8.3 FEET. PROJECT DEPTH: DUCK ISLAND TO TRENTON MARINE TERMINAL 25 FEET AUTHORIZED BUT DEFERRED; THENCE OF PENNSYLVANIA R. R. BRIDGE, 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	907,627	1	1981-----	1,001,558	-----
1977-----	1,248,079	1	1982-----	1,174,400	-----
1978-----	895,855	4	1983-----	1,287,789	-----
1979-----	923,047	-----	1984-----	1,354,885	-----
1980-----	1,011,340	-----	1985-----	1,186,785	-----

## FREIGHT TRAFFIC, 1985

### DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL RECEIPTS
TOTAL-----	1,160,785
1121 COAL AND LIGNITE-----	1,003,288
2911 GASOLINE-----	10,589
2913 KEROSENE-----	4,862
2914 DISTILLATE FUEL OIL-----	80,206

## WILMINGTON HARBOR, DELAWARE

SECTION INCLUDED: WEST SHORE OF DELAWARE RIVER FROM AND INCLUDING PIGEON POINT, DEL., TO AND INCLUDING EDGEWOOD, DEL., 4.6 MILES; AND MAY 1984, 40.1 FEET. IN THE CHRISTINA RIVER IN OCTOBER 1985, 24.3 FEET TO UPPER END OF MARINE TERMINAL WHARF; THENCE IN OCTOBER 1985, 23.0 FEET TO LODDELL CANAL, 1.2 MILES; THENCE IN MAY 1984, 11.3 FEET TO MARKET STREET BRIDGE AT WILMINGTON, 2.1 MILES; THENCE JANUARY 1980, 13.2 FEET TO THE FORMER PULP WORKS, 1.2 MILES; THENCE JANUARY 1960, 5.8 FEET TO PENNSYLVANIA R. R. BRIDGE NO. 4, 0.3 MILES; AND THENCE 6.1 FEET TO NEWPORT, 5 MILES. PROJECT DEPTH: IN DELAWARE RIVER, 40 FEET; IN CHRISTINA RIVER, 35 FEET TO LODDELL CANAL; THENCE 21 FEET TO THE FORMER PULP WORKS; THENCE 10 FEET TO PENNSYLVANIA R. R. BRIDGE NO. 4, AND THENCE 7 FEET TO NEWPORT, ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS						YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS					
		RECEIPTS		SHIPMENTS						RECEIPTS		SHIPMENTS			
		EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED			EMPTY	LOADED	EMPTY	LOADED		
1976--	2,653,259	1,775	1,892	1,097	1,691	1981--	3,130,122	225	338	175	207				
1977--	2,917,774	873	1,547	656	966	1982--	2,515,288	17	99	23	19				
1978--	3,310,324	1,109	833	507	860	1983--	2,318,722	-----	-----	-----	-----				
1979--	3,252,629	480	463	303	475	1984--	2,786,791	-----	-----	-----	-----				
1980--	3,535,493	211	252	182	166	1985--	2,362,269	-----	-----	-----	-----				

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS
TOTAL-----	2,362,269	1,393,995	455,622	117,618	367,739	27,205
0131 FRESH FRUITS-----	15,980	15,980	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	360,309	360,309	-----	-----	-----	-----
0134 COCOA BEANS-----	856	856	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	931	931	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	384	384	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	77	77	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	13,053	1,653	-----	11,400	-----	-----
1061 MANGANESE ORES, CONCENTRATED-----	14,626	14,626	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	12,707	12,707	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	30,722	121	30,601	-----	-----	-----
1451 CLAY-----	6,063	6,063	-----	-----	-----	-----
1491 SALT-----	161,913	161,913	-----	-----	-----	-----
1498 GYPSUM, CRUDE AND PLASTER-----	248,672	248,672	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	16,475	16,383	92	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	70	70	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	707	707	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	153	153	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	186	186	1	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	42,688	42,688	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	79	79	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	20	-----	20	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	536	463	73	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	94	0	94	-----	-----	-----
2311 APPAREL-----	0	0	-----	-----	-----	-----
2411 LUMBER-----	70	70	-----	-----	-----	-----
2421 LUMBER-----	103,219	103,219	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,952	1,952	-----	-----	-----	-----
2491 WOOD MANUFACTURED, NEC-----	490	69	421	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	38	21	17	-----	-----	-----

## WILMINGTON HARBOR, DELAWARE--CONTINUED

## FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWIDE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS
2611 PULP-----	228	-----	228	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	347	289	58	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	185	19	166	-----	-----	-----
2711 PRINTED MATTER-----	18	6	12	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	3,325	21	3,304	-----	-----	-----
2813 ALCOHOLS-----	35,905	35,905	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	18,883	4,139	2,872	7,750	4,922	-----
2821 PLASTIC MATERIALS-----	2,979	-----	2,979	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,403	-----	1,403	-----	-----	-----
2831 DRUGS-----	31	-----	31	-----	-----	-----
2841 SOAP-----	360	7	353	-----	-----	-----
2851 PAINTS-----	9	-----	9	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	61,797	61,797	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	501	-----	501	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	2,750	27	2,723	-----	-----	-----
2911 GASOLINE-----	26,236	-----	-----	-----	-----	26,236
2914 DISTILLATE FUEL OIL-----	115,897	-----	-----	-----	114,838	1,059
2915 RESIDUAL FUEL OIL-----	37,616	39,981	-----	99,468	237,167	-----
2916 LUBRICATING OILS AND GREASES-----	4,938	-----	4,869	-----	-----	65
2920 COKE, PETROLEUM COKE-----	365,160	-----	365,160	-----	-----	-----
2921 LIQUEFIED GASES-----	2,435	-----	2,435	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	70	1	69	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	2	-----	2	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	689	91	598	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	2	-----	2	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	26	20	6	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	8,119	8,119	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	100,996	90,457	17	-----	10,527	-----
3316 IRON AND STEEL PLATES, SHEETS-----	826	826	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	7,927	7,812	115	-----	-----	-----
3318 FERROALLOYS-----	911	798	113	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	148	148	-----	-----	-----	-----
3328 ALUMINUM AND ALLOYS, UNWORKED-----	16,093	16,088	5	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	3,651	3,367	284	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	20,005	19,297	708	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	468	25	425	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	127,649	101,887	25,767	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	79	6	72	-----	-----	-----
3731 SHIPS AND BOATS-----	66	64	2	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	173	-----	173	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	9	4	5	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	21	20	1	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	11,032	11,032	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	89	-----	89	-----	-----	-----
8111 WATER-----	220	-----	-----	-----	220	-----
8112 COMMODITIES, NEC-----	2,235	1,861	374	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	706	-----	706	-----	-----	-----

## SUMMARY OF TRAFFIC - DELAWARE RIVER AND TRIBUTARIES, TRENTON, N. J. TO THE SEA, 1985

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TRENTON HARBOR, N. J.-----	1,186,745	-----	-----	-----	-----	1,186,745	-----	-----
BORDENTOWN-FIELDSBORO, N. J.-----	-----	-----	-----	-----	-----	-----	-----	-----
BURLINGTON-FLORENCE-ROEBLING, N. J.-----	555,199	305,496	14	4,252	-----	248,834	1,003	-----
QUINTON-DELANCO-BEVERLY, N. J.-----	-----	-----	-----	-----	-----	-----	-----	-----
PENN HARBOR, PA., AND VICINITY-----	2,443,620	2,218,208	-----	-----	-----	265,420	-----	-----
BRISTOL, PA., AND VICINITY-----	36,917	-----	-----	-----	-----	36,917	-----	-----
PHILADELPHIA HARBOR, PA.-----	32,695,815	15,888,713	5,608,938	1,794,121	2,478,425	3,958,217	2,044,805	920,596
CAMDEN-GLOUCESTER, N. J.-----	7,043,677	3,155,828	1,076,495	671,904	437,452	831,814	834,651	35,531
CHESTER, PA.-----	646,914	-----	-----	-----	0,120	633,383	3,632	779
MARCUS MOON, PA., AND VICINITY-----	27,417,581	15,481,515	78,574	2,522,702	1,861,161	3,023,790	3,487,213	162,626
PAULSBORO, N. J., AND VICINITY-----	16,101,261	9,876,370	134,692	889,984	1,837,171	2,100,859	1,884,818	173,367
THOMPSON POINT, N. J., AND VICINITY-----	372,160	71,457	811	85,962	2,708	123,332	87,844	-----
WILMINGTON HARBOR, DEL.-----	2,362,269	1,393,995	455,622	117,614	-----	367,750	27,295	-----
PENNSBORO-CARNEY POINT, N. J.-----	302,456	25,366	19,930	90,881	-----	162,674	4,100	-----
NEW CASTLE, DEL., AND VICINITY-----	8,781,490	2,959,720	13,626	384,470	1,424,893	2,526,121	1,064,455	203
ARTIFICIAL IS., N. J., AND VICINITY-----	-----	-----	-----	-----	-----	-----	-----	-----
LOWER DELAWARE BAY, N. J.-----	8,537	-----	-----	-----	-----	5,006	602	5,135
LOWER DELAWARE BAY, DEL.-----	12,927,926	4,312,079	21	121,274	15,257	190,242	4,269,013	-----
TOTAL-----	112,920,991	55,688,335	7,388,723	6,283,088	8,070,187	16,455,134	17,737,285	1,248,739
NET VOLUME OF COMMERCE-----	98,252,982	55,688,335	7,388,723	6,283,088	8,070,187	-----	14,524,410	1,248,239

# PHILADELPHIA, PA, DISTRICT

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INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL.  
AND MD. - CHESAPEAKE AND DELAWARE CANAL

SECTION INCLUDED: DELAWARE RIVER TO POOLED ISLAND IN CHESAPEAKE BAY, 46 MILES. CONTROLLING DEPTH: IN DECEMBER 1985, 35.1 FEET IN MIDDLE HALF OF CHANNEL. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	11,257,613	17,585	1981	15,966,379	1,261
1977	10,813,406	17,148	1982	16,962,746	1,662
1978	14,571,375	13,088	1983	17,403,805	19
1979	14,396,866	9,986	1984	17,623,257	540
1980	15,975,922	1,795	1985	17,856,177	

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		EASTBOUND	WESTBOUND	COASTWIDE		INTERNAL	
				EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL	17,856,177	3,983,499	3,993,250	1,965,460	1,650,785	2,211,149	3,052,025
0101 COTTON, RAW	13					13	
0102 BARLEY AND RYE	11,343		11,343				
0103 CORN	19,000			19,000			
0105 RICE	22					22	
0106 SORGHUM GRAINS	2					2	
0111 SOYBEANS	14,567		14,567				
0121 TOMACCO, LEAF	163					163	
0122 HAY AND FODDER	129					129	
0131 FRESH FRUITS	20					20	
0134 COCOA BEANS	4,738		4,740			398	
0141 FRESH AND FROZEN VEGETABLES	330					330	
0161 ANIMALS AND PRODUCTS, NEC	22			22			
0191 MISCELLANEOUS FARM PRODUCTS	84					84	
0841 CRUDE RUBBER AND ALLIED GUMS	8,389	8,389					
0861 FOREST PRODUCTS, NEC	1,257				1,257		
0911 FRESH FISH, EXCEPT SHELLFISH	1,226		635			591	
0912 SHELLFISH, EXCEPT PREPARED	118					118	
0913 MEYADEN	463					463	
0931 MARINE SHELLS, UNMANUFACTURED	2,851					2,851	
1011 IRON ORE AND CONCENTRATES	6,470	1,420			5,050		
1061 MANGANESE ORES, CONCENTRATES	3,701	2,500			1,200		
1091 NONFERROUS ORES, CONCENT, NEC	59,215	727	20,142	5,500			32,846
1121 COAL AND LIGNITE	2,358,866	27,500	15,506	1,262,765	54,343	998,752	
1311 CRUDE PETROLEUM	92,202						92,202
1412 BUILDING STONE, UNWORKED	1,650			800	850		
1442 SAND, GRAVEL, CRUSHED ROCK	148,531			25,332	5,233	117,966	
1451 CLAY	10,844		8,194		2,650		
1491 SALT	14,936	14,936					
1492 SULPHUR, DRY	3			3			
1494 GYPSUM, CRUDE AND PLASTER	210,739	1,934	208,805				
1499 NONMETALLIC MINERALS, NEC	23,083	13,029	7,254		2,800		
1911 ORDNANCE AND ACCESSORIES	608	575				33	
2011 MEAT, FRESH, CHILLED, FROZEN	124					124	
2012 MEAT AND PRODUCTS, NEC	1,761				1,761		
2014 TALLOW, ANIMAL FATS AND OILS	1,601	1,537			63		
2021 DAIRY PRODUCTS, NEC	139				139		
2022 DRIED MILK AND CREAM	152			152			
2031 FISH AND SHELLFISH, PREPARED	489				489		
2034 VEGETABLES AND PREP, NEC	3,343			99	3,244		
2039 PREP FRUIT AND VEG JUICE, NEC	5,405				5,405		
2042 ANIMAL FEEDS	13				13		
2049 GRAIN MILL PRODUCTS, NEC	6,331	5,000			1,331		
2061 SUGAR	41,700	35,500		6,200			
2062 MOLASSES	52,179	41,084	11,095				
2081 ALCOHOLIC BEVERAGES	39,475		1,091	1,041	34,563		
2091 VEGETABLE OILS, MARG, SHORT	12,510	3,849	8,250		411		
2094 GROCERIES	12,500	12,500					
2099 MISCELLANEOUS FOOD PRODUCTS	47,640	20,000	12,930		12,310	2,400	
2111 TOBACCO MANUFACTURES	108			68	40		
2211 BASIC TEXTILE PRODUCTS	1,740				956	784	
2212 TEXTILE FIBERS, NEC	218				218		
2311 APPAREL	210		183		27		
2421 LUMBER	253,803	193,669	60,112		22		
2431 VENEER, PLYWOOD, WORKED WOOD	6,013	5,997			16		
2491 WOOD MANUFACTURES, NEC	260			14	246		
2511 FURNITURE AND FIXTURES	4,721		13	14	4,692		
2611 PULP	70,481	1,500			42	68,959	
2621 STANDARD NEWSPRINT PAPER	12,881	6,503	5,078	1,309			
2631 PAPER AND PAPERBOARD	75,544		9,059	24,092	10,685	30,908	
2691 PULP AND PAPER PRODUCTS, NEC	6,066			5,500	566		
2711 PRINTED MATTER	271				271		
2810 SODIUM HYDROXIDE	66,981		14,920	21,550	27,702		2,729
2811 CRUDE TAR, OIL, GAS PRODUCTS	13,467		13,467				
2813 ALCOHOLS	21,328			8,749	14,579		
2817 BENZENE AND TOLUENE	26,818		8,250		2,079	10,146	6,485
2818 SULPHURIC ACID	216,739		64,599	789	24,780		186,490
2819 BASIC CHEMICALS AND PROD, NEC	686,762	20,259	126,114	46,522	21,636		654,811
2821 PLASTIC MATERIALS	1,262			70	1,192		
2822 SYNTHETIC RUBBER	140			20	120		
2823 SYNTHETIC (MAN-MADE) FIBERS	114				114		
2831 DRUGS	68				62		
2841 SOAP	5,954	1,310		131		4,513	
2851 PAINTS	328				328		
2861 GUM AND GUMM CHEMICALS	42			42			
2871 NITROGENOUS CHEM FERTILIZERS	67,933	3,000		60,879		3,154	



## Waterborne Commerce of the United States, 1985

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL.  
AND MD. - CHESAPEAKE AND DELAWARE CANAL--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		EASTBOUND	WESTBOUND	COASTWISE		INTERNAL	
				EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
2872 POTASSIC CHEM FERTILIZERS-----	30						30
2873 PHOSPHATIC CHEM FERTILIZERS-----	3,165			3,165			
2876 INSECTICIDES, DISINFECTANTS-----	102				102		
2879 FERTILIZER AND MATERIALS, NEC-----	6,070				21	6,057	
2891 MISCELLANEOUS CHEMICAL PROD-----	42,855		13,560	40	29,230		
2911 GASOLINE-----	1,299,746	16,020	31,215	126,786	187,925	30,511	907,289
2912 JET FUEL-----	290,938			25,117	4,201	60,904	200,626
2913 KEROSENE-----	57,915		21,214		3,906		32,705
2914 DISTILLATE FUEL OIL-----	532,284	3,335	19,140	50,604	41,372	134,002	275,031
2915 RESIDUAL FUEL OIL-----	606,230	8,777		66,997	49,109	72,220	607,119
2916 LUBRICATING OILS AND GREASES-----	25,770		4,643	3,137			17,990
2917 NAPHTHA, PETROLEUM SOLVENTS-----	25,253			14,988	8,921		1,344
2918 ASPHALT, TAR, AND BITUMENS-----	1,347,805	158,560	19,500		793,151	89,250	207,344
2920 COKE, PETROLEUM COKE-----	12,617					4,643	7,934
2921 LIQUEFIED GASES-----	1,500						
2991 PETROLEUM AND COAL PROD, NEC-----	110,374	7,810	8,000		88,949	13,595	
3011 RUBBER AND MISC PLASTIC PROD-----	6,077		17	29	6,031		
3111 LEATHER AND LEATHER PRODUCTS-----	610				610		
3211 GLASS AND GLASS PRODUCTS-----	1,765				1,765		
3241 BUILDING CEMENT-----	357,060			94,113	262,947		
3251 STRUCTURAL CLAY PRODUCTS-----	1,976				1,976		
3261 CUT STONE AND STONE PRODUCTS-----	6,161				6,161		
3291 MISC NONMETALLIC MINERAL PROD-----	10,248		308	9,020	826		
3312 SLAB-----	30,431		33,040	13			5,378
3314 IRON AND STEEL PRIMARY FORMS-----	81				81		
3315 IRON, STEEL SHAPES, EXC SHEET-----	111,372	16,667	49,395	781		30,684	13,885
3316 IRON AND STEEL PLATES, SHEETS-----	945			945			
3317 IRON AND STEEL PIPE AND TUBE-----	2,753				427	1,008	1,326
3318 FERROALLOYS-----	5,100		5,100				
3319 IRON AND STEEL PRODUCTS, NEC-----	570,216	205,849	327,205	19,520	19,622		
3321 NONFERROUS METALS, NEC-----	5,184	878	3,747		559		
3322 COPPER ALLOYS, UNWORKED-----	4,026	3,508			518		
3323 LEAD AND ZINC, UNWORKED-----	6,529	3,109		20	3,400		
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,013		2,750	121	1,142		
3411 FABRICATED METAL PRODUCTS-----	16,650		10,955	366	4,975	154	200
3511 MACHINERY, EXCEPT ELECTRICAL-----	22,114	4,540	4,685	4,770	6,607	644	860
3611 ELECTRICAL MACH AND EQUIP-----	8,506		4	1,184	6,602	40	676
3711 MOTOR VEHICLES, PARTS, EQUIP-----	335,129	131,212	188,629	37	15,051		
3721 AIRCRAFT AND PARTS-----	16,133			16,100	33		
3731 SHIPS AND BOATS-----	150				150		
3791 MISC TRANSPORTATION EQUIPMENT-----	6,359			6,225	134		
3811 INSTR, TIME, PHOTO, OPT GOODS-----	303				211	92	
3911 MISC MANUFACTURED PRODUCTS-----	85,279	62,803	11,976	1,300	5,200		
4011 IRON AND STEEL SCRAP-----	14,820	220			7,100		7,500
4029 WASTE AND SCRAP, NEC-----	223,600			15,000	63		210,537
4112 COMMODITIES, NEC-----	6,450,574	2,918,531	2,596,537	11,555	30,565	530,585	354,001
4119 EMPTY CONTAINERS-----	33,056	22,252	4,390	1,576	4,829		
TOTAL TON-MILES, 821,242,336.							

PHILADELPHIA, PA, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ABSECON CREEK, N. J.,-----	NO COMMERCE REPORTED			
ABSECON INLET, N. J.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	714		
	0912 SHELLFISH, EXCEPT PREPARED-----	4,452		
	TOTAL-----	5,166	5,166	51,962
ALLOHAY CREEK, N. J.,-----	NO COMMERCE REPORTED			
APPDQUINIMINK RIVER, DEL.,-----	NO COMMERCE REPORTED			
BARNEGAT INLET, N. J.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	519		
	0912 SHELLFISH, EXCEPT PREPARED-----	49		
	TOTAL-----	568	568	61,718
BIG TIMBER CREEK, N. J.,-----	NO COMMERCE REPORTED			
BROADKILL RIVER, DEL.,-----	NO COMMERCE REPORTED			
CAPE MAY CANAL, N. J.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	51	153	1,085,691
CONANSEY RIVER, N. J.,-----				7,208
COLD SPRING INLET, N. J.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	161,682		
	0912 SHELLFISH, EXCEPT PREPARED-----	4,975		
	TOTAL-----	166,657	166,657	51,748
COOPER RIVER, N. J.,-----	2914 DISTILLATE FUEL OIL-----	8,282	8,282	
HARBOR OF REFUGE, DELAWARE BAY, DEL.,-----	2871 NITROGENOUS CHEM FERTILIZERS-----	3,154	3,154	927,685
MOPE CREEK, N.J.,-----	NO COMMERCE REPORTED			
INDIAN RIVER INLET AND BAY, DEL.,-----				4,656
INLAND WATERWAY BETWEEN RENOBOTH BAY AND DELAWARE BAY, DEL.,-----				30,874
LEIPSIK RIVER, DEL.,-----	NO COMMERCE REPORTED			
LITTLE EGG HARBOR, N. J.,-----	NO COMMERCE REPORTED			
LITTLE RIVER, DEL.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	10	30	
MANASQUAN RIVER, N. J.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	121		
	0912 SHELLFISH, EXCEPT PREPARED-----	7,050		
	TOTAL-----	7,171	18,053	47,450
MANTUA CREEK, N. J.,-----	1091 NONFERROUS ORES, CONCENT, NEC-----	32,846		
	2431 PAPER AND PAPERBOARD-----	30,988		
	2818 SULPHURIC ACID-----	9,100		
	2920 COKE, PETROLEUM COKE-----	1,110		
	3312 SLAG-----	6,704		
	3315 IRON, STEEL SHAPES, ETC SHEET-----	34,042		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	200		
	TOTAL-----	114,910	114,910	
MAURICE RIVER, N. J.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	4		
	0912 SHELLFISH, EXCEPT PREPARED-----	4,209		
	TOTAL-----	4,215	29,609	3,664
MISPILLION RIVER, DEL.,-----	4112 COMMODITIES, NEC-----	3,000	3,000	204
MURDERHILL RIVER, DEL.,-----				63,905
NEW JERSEY INTRACOASTAL WATERWAY-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	162,486		
	0912 SHELLFISH, EXCEPT PREPARED-----	14,382		
	TOTAL-----	176,868	1,020,754	1,311,063
OLDMAN'S CREEK, N. J.,-----	3511 MACHINERY, EXCEPT ELECTRICAL-----	1,000	5,000	
PEPPER CREEK, DEL.,-----				360
SALEM RIVER, N. J.,-----	NO COMMERCE REPORTED			
SHYRNA RIVER, DEL.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	51	200	
ST. JONES RIVER, DEL.,-----	NO COMMERCE REPORTED			
TOMB RIVER, N. J.,-----	NO COMMERCE REPORTED			
TUCKERTON CREEK, N. J.,-----				662
WATERWAY FROM INDIAN RIVER INLET TO RENOBOTH BAY, DEL.,-----				310

## BALTIMORE, MD, DISTRICT

## BALTIMORE HARBOR AND CHANNELS, MD.

SECTION INCLUDED: MOUTH OF CHESAPEAKE BAY TO BALTIMORE, MD., CONTROLLING DEPTH: CAPE HENRY TO CRAIGHILL ENTRANCE 42.6 FEET. CRAIGHILL ENTRANCE TO FT. MCHENNY, 81.3 FEET; BRANCH CHANNEL RANGE FROM 15 TO 41.9 FEET; ANCHORAGES 1 AT 34.0 FEET, 2 AT 30 FEET AND 4 AT 30 FEET. PROJECT DEPTH: CAPE HENRY TO FORT MCHENNY, BALTIMORE, MD., 42 FEET; BRANCH CHANNELS RANGE FROM 15 TO 42 FEET; ANCHORAGES 30 FEET AND 35 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	52,437,192	169,946	1981	49,806,528	333,748
1977	44,756,359	163,134	1982	40,850,961	632,962
1978	46,809,090	178,187	1983	31,574,307	424,582
1979	51,464,637	283,437	1984	37,306,504	448,686
1980	50,041,515	374,153	1985	36,623,293	531,664

## FREIGHT TRAFFIC, 1985

## (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	36,425,293	11,665,167	13,961,003	2,254,006	2,935,733	2,660,301	978,726	1,970,357
0101 COTTON, Raw	496	62	401	13				
0103 CORN	3,718,975	61	3,718,914					
0104 OATS	332		332					
0105 RICE	3,070	2,731	317	22				
0106 SORGHUM GRAINS	9				9			
0107 WHEAT	376,669		376,669					
0111 SOYBEANS	478,311		478,311					
0119 OILSEEDS, NEC	1,326	236	1,090					
0121 TOBACCO, LEAF	26,901	9,609	17,111	163	10			
0122 HAY AND FODDER	129			129				
0129 FIELD CROPS, NEC	1,572	1,465	107					
0131 FRESH FRUITS	3,010	113	2,877	20				
0132 BANANAS AND PLANTAINS	347							
0133 COFFEE	17,752	12,407	5,345					
0134 COCOA BEANS	4,035	3,125	512	39A				
0141 FRESH AND FROZEN VEGETABLES	9,930	6,942	2,658	330				
0161 ANIMALS AND PRODUCTS, NEC	10,519	3,545	6,137		437			
0191 MISCELLANEOUS FARM PRODUCTS	800	454	84	18				
0841 CRUDE RUBBER AND ALLIED GUMS	69,850	68,283	1,405		162			
0861 FOREST PRODUCTS, NEC	11,209	9,101	851	1,257				
0911 FRESH FISH, EXCEPT SHELLFISH	4,531	3,481	459	591				
0912 SHELLFISH, EXCEPT PREPARED	1,678	1,614	146	11A				
0931 MARINE SMELLS, UNMANUFACTURED	77	56	21					
1011 IRON ORE AND CONCENTRATES	4,125,450	4,125,403	47					
1051 ALUMINUM ORES, CONCENTRATES	385,108	384,971	137					
1061 MANGANESE ORES, CONCENTRATES	51,998	51,871	127					
1091 NONFERROUS ORES, CONCENT, NEC	62,121	53,835	2,204	41		6,081		
1121 COAL AND LIGNITE	11,742,164		7,683,924	160	2,154,603	509,613	240,768	1,063,896
1311 CRUDE PETROLEUM	295,406	19,383		276,023				
1411 LIMESTONE	31	4	27					
1412 BUILDING STONE, UNWORKED	1,390		1,390					
1442 SAND, GRAVEL, CRUSHED ROCK	10,714	3,007	2,581		1,019		13,107	
1451 CLAY	145,894	136,754	9,119	21				
1471 PHOSPHATE ROCK	90		90					
1491 SALT	426,890	417,385	8,958		547			
1492 SULPHUR, DRY	2,427		2,424		3			
1494 GYPSUM, CRUDE AND PLASTERS	692,561	691,159	1,386		16			
1499 NONMETALLIC MINERALS, NEC	83,626	75,268	8,074	24A	44			
1911 ORDNANCE AND ACCESSORIES	4,553	4,118	435					
2011 MEAT, FRESH, CHILLED, FROZEN	54,843	3,578	44,577	124	6,568			
2012 MEAT AND PRODUCTS, NEC	37,199	30,478	508	1,761	4,452			
2014 TALLOW, ANIMAL FATS AND OILS	338		275	63				
2015 ANIMAL BY-PRODUCTS, NEC	10,38A	90	9,991	265	40			
2021 DAIRY PRODUCTS, NEC	4,374	2,126	370	139	1,739			
2022 DRIED MILK AND CREAM	47,685		47,328		357			
2031 FISH AND SHELLFISH, PREPARED	26,593	25,986	118	489				
2034 VEGETABLES AND PREP, NEC	82,228	70,045	8,327	3,246	612			
2039 PREP FRUIT AND VEG JUICE, NEC	108,403	98,959	3,744	6,116	22			
2041 WHEAT FLOUR AND SEMOLINA	1,505		1,103		492			
2042 ANIMAL FEEDS	12,671	5,502	7,076	12	1			
2049 GRAIN MILL PRODUCTS, NEC	111,378	12,712	97,05A	1,426	182			
2061 SUGAR	562,965	494,257	8	57,259				11,441
2062 MOLASSES	129,937	129,606		331				
2081 ALCOHOLIC BEVERAGES	243,574	199,845	6,652	36,01A	1,059			
2091 VEGETABLE OILS, WARD, SHORT	28,954	20,983	5,208	169	2,594			
2092 ANIMAL OILS AND FATS, NEC	123	123						
2094 GROCERIES	23				23			
2095 ICE	12,501	12,501						
2099 MISCELLANEOUS FOOD PRODUCTS	105,161	59,492	23,149	13,521	8,599	400		
2111 TOBACCO MANUFACTURES	12,572	775	10,070	40	789			
2211 BASIC TEXTILE PRODUCTS	47,433	27,437	13,824	810	2,934	2,420		
2212 TEXTILE FIBERS, NEC	679	461		210				
2311 APPAREL	9,149	7,461	1,620	51	10			
2411 LUMBER	91,366	166	91,200					
2413 FUEL WOOD, CHARCOAL, WASTES	626	175	451					
2414 TIMBER, POBTS, POLES, PILING	55		55					
2415 PULPHOOD, LOG	867		867					
2416 WOOD CHIPS, STAVES, MOLDINGS	150	105	54					
2421 LUMBER	278,380	181,143	99,696	19	122			
2431 VENEER, PLYWOOD, WORKED WOOD	23,040	13,909	9,128	16				
2491 WOOD MANUFACTURES, NEC	14,781	9,526	4,350	219	106			

## BALTIMORE, MD, DISTRICT

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BALTIMORE HARBOR AND CHANNELS, MD.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2511 FURNITURE AND FIXTURES-----	70,126	56,555	7,684	4,527	1,360	-----	-----	-----
2611 PULP-----	6,479	3,933	2,530	-----	8	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	13,046	10,249	5	-----	3,592	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	140,908	105,228	22,379	10,445	2,736	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	20,375	9,004	6,014	350	3,003	-----	-----	-----
2711 PRINTED MATTER-----	20,197	12,001	7,392	271	453	-----	-----	-----
2810 SODIUM HYDROXIDE-----	27,400	-----	-----	25,072	-----	2,368	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	73,008	13,078	22,901	-----	36,300	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	371	-----	371	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	12,847	10,949	703	22	1,093	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	636	101	535	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	20,350	-----	110	-----	-----	3,680	7,360	9,200
2818 SULPHURIC ACID-----	301,870	-----	-----	24,750	-----	109,920	2,790	167,400
2819 BASIC CHEMICALS AND PROD. NEC-----	318,478	208,929	61,743	25,145	1,161	1,500	-----	-----
2821 PLASTIC MATERIALS-----	115,671	34,583	74,611	1,233	3,004	-----	-----	-----
2822 SYNTHETIC RUBBER-----	17,202	3,407	13,597	120	158	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	10,336	2,990	7,106	114	126	-----	-----	-----
2831 DRUGS-----	12,326	3,729	6,037	-----	560	-----	-----	-----
2841 SOAP-----	27,452	5,124	13,042	-----	9,204	-----	-----	-----
2851 PAINTS-----	43,358	35,728	6,899	235	496	-----	-----	-----
2861 GUM AND GUMM CHEMICALS-----	2,900	975	1,677	-----	240	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	263,605	226,326	335	23,530	4,466	4,200	4,748	-----
2872 PHOSPHATIC CHEM FERTILIZERS-----	123,293	122,970	323	-----	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	8,835	-----	8,835	-----	1,200	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	13,740	1,350	12,385	11	2	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	38,575	237	957	24,257	1	13,123	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	55,816	12,091	42,991	556	56	-----	-----	-----
2911 GASOLINE-----	963,272	20,591	553	68,007	13,892	810,939	31,925	17,365
2912 JET FUEL-----	74,602	39,240	-----	-----	35,362	-----	-----	-----
2913 KEROSENE-----	37,668	-----	-----	7,760	-----	29,899	-----	-----
2914 DISTILLATE FUEL OIL-----	661,214	45,109	1,047	160,574	57,204	324,045	180,286	86,947
2915 RESIDUAL FUEL OIL-----	1,586,023	224,171	-----	314,080	42,875	339,460	64,201	590,140
2916 LUBRICATING OILS AND GREASES-----	40,858	14,919	12,851	5,095	564	16,429	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	24,151	-----	83	22,664	60	1,344	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	878,859	184,579	1,415	615,790	10,758	45,835	3,636	16,846
2920 COKE, PETROLEUM COKE-----	30,462	-----	24,125	-----	-----	1,337	-----	-----
2921 LIQUEFIED GASES-----	733	59	674	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	937	-----	807	-----	130	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	63,890	2,946	3,586	57,273	43	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	118,452	-----	19,483	5,701	2,556	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	18,962	17,132	1,873	-----	88	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	42,916	36,355	20,350	1,605	4,590	-----	-----	-----
3241 BUILDING CEMENT-----	1,055,527	196,820	21,565	303,797	339,033	-----	194,312	-----
3251 STRUCTURAL CLAY PRODUCTS-----	90,646	67,515	18,169	1,934	3,026	-----	-----	-----
3271 LIME-----	322	-----	322	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	48,491	42,049	92	6,161	169	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	73,176	53,284	18,764	821	307	-----	-----	-----
3311 PIG IRON-----	53	-----	53	-----	-----	-----	-----	-----
3312 SLAG-----	28	-----	-----	-----	28	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	64,517	64,372	61	81	3	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	291,476	247,116	3,394	1,304	2,575	-----	37,027	-----
3316 IRON AND STEEL PLATES, SHEETS-----	110,458	13,526	92,934	-----	3,998	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	79,662	72,622	6,333	427	80	-----	-----	-----
3318 FERROALLOYS-----	126,287	121,061	2,425	-----	2,601	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	46,478	37,770	7,409	1,160	41	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	80,667	53,825	2,091	656	24,115	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	30,171	27,982	1,402	507	200	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	5,347	4,701	506	80	60	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	103,716	90,729	8,920	3,143	924	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	226,868	173,723	41,164	4,795	7,174	-----	10	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	572,125	422,500	140,330	6,525	2,300	250	100	-----
3611 ELECTRICAL MACH AND EQUIP-----	157,225	76,819	66,046	6,795	7,205	-----	280	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	712,497	636,382	58,945	14,957	2,213	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	1,213	102	1,079	32	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	6,170	5,007	898	50	215	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	18,812	10,463	4,808	80	3,905	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	15,548	8,649	6,730	219	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	52,039	42,359	4,504	4,360	816	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	16,810	136	13,591	83	-----	3,000	-----	-----
4012 NONFERROUS METAL SCRAP-----	152,362	116,868	35,474	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	12,859	155	12,565	-----	159	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	107,703	-----	107,703	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	196,263	-----	-----	63	196,200	-----	-----	-----
4111 WATER-----	12,050	-----	-----	-----	-----	175	11,875	-----
4112 COMMODITIES, NEC-----	572,606	28,918	28,266	79,276	111,999	164,575	167,633	39
9999 DEPARTMENT OF DEFENSE AND SCT-----	20,367	-----	20,367	-----	-----	-----	-----	-----
TOTAL TON-MILES, 288,349,631.								

SUBSUEMANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD.

SECTION INCLUDED: FROM MOUTH TO SPEBUTIE NARROWS, MD. CONTROLLING DEPTH: 15.0 FEET FROM CHESAPEAKE BAY TO SPEBUTIE NARROWS, MD. PROJECT DEPTH: 15 FEET BELOW HAVRE DE GRACE; 6 FEET ABOVE HAVRE DE GRACE. PROJECT LENGTH: 4 MILES. NAVIGATION SEASON: ENTIRE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	44,273	1981-----	95,486
1977-----	17,738	1982-----	219,159
1978-----	17,350	1983-----	345,162
1979-----	38,591	1984-----	486,280
1980-----	64,810	1985-----	574,695

## Waterborne Commerce of the United States, 1985

## SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD.--CONTINUED

## FREIGHT TRAFFIC, 1985

## DOMESTIC

(SHORT TONS)

COMMODITY		INTERNAL	
		INBOUND	OUTBOUND
TOTAL		578,699	
1442 SAND, GRAVEL, CRUSHED ROCK		572,415	
3511 MACHINERY, EXCEPT ELECTRICAL		2,280	
TOTAL TON-MILES	4,593,000		

## CHOPTANK RIVER, MD.

SECTION INCLUDED: FROM MOUTH TO GREENSBORO, MD. CONTROLLING DEPTHS: 6 FEET TO DENTON AND 3.5 FEET TO GREENSBORO. PROJECT DEPTHS: 0 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	321,127	1,068	1981	262,453	5,309
1977	309,325	1,644	1982	281,096	4,647
1978	191,171	1,312	1983	279,667	2,634
1979	359,429	11,847	1984	316,975	881
1980	247,226	13,010	1985	340,858	1,163

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN INBOUND	DOMESTIC INTERNAL	
			INBOUND	OUTBOUND
			INBOUND	OUTBOUND
TOTAL	340,858	6,670	20,864	312,913
0911 FRESH FISH, EXCEPT SHELLFISH	53,557	6,670		46,870
0912 SHELLFISH, EXCEPT PREPARED	8,666		715	7,951
0931 MARINE SHELLS, UNMANUFACTURED	20,290		20,140	150
1442 SAND, GRAVEL, CRUSHED ROCK	227,270			227,270
2911 GASOLINE	12,151			12,151
2913 KEROSENE	900			900
2914 DISTILLATE FUEL OIL	17,525			17,525
TOTAL TON-MILES	4,295,217			

## WICOMICH RIVER, MD., (EASTERN SHORE)

SECTION INCLUDED: FROM MOUTH TO SALISBURY, MD. CONTROLLING DEPTHS: 12.0 FEET IN MAIN RIVER; BRANCH CHANNELS RANGE FROM 2 TO 10 FEET; 4.5 FEET TO AND IN BOAT BASIN AT WEBSTER COVE. PROJECT DEPTHS: 14 FEET TO MAIN STREET BRIDGE AND IN PRONGS AT SALISBURY; 6 FEET TO AND IN SMALL BOAT BASIN AT WEBSTER COVE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	827,076	1981	678,251
1977	837,137	1982	709,105
1978	947,885	1983	657,651
1979	878,249	1984	727,254
1980	993,074	1985	696,823

## FREIGHT TRAFFIC, 1985

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	696,823	404,540	2,474
0103 CORN	1,500	1,500	
0107 WHEAT	1,250	1,250	
0111 SOYBEANS	2,450	1,400	1,450
0911 FRESH FISH, EXCEPT SHELLFISH	2		2
0912 SHELLFISH, EXCEPT PREPARED	400		400
0931 MARINE SHELLS, UNMANUFACTURED	450	450	
1442 SAND, GRAVEL, CRUSHED ROCK	257,704	257,704	
2971 NITROGENOUS CHEM FERTILIZERS	1,500	1,500	
2979 FERTILIZER AND MATERIALS, NEC	1,433	1,433	
2911 GASOLINE	312,514	312,514	
2913 KEROSENE	6,610	6,610	

## BALTIMORE, MD, DISTRICT

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WICOMICO RIVER, MD., (EASTERN SHORE)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
2914 DISTILLATE FUEL OIL-----	72,275	71,653	622
2915 RESIDUAL FUEL OIL-----	37,907	37,907	-----
TOTAL TON-MILES, 17,051,809.			

WASHINGTON HARBOR, D. C.

SECTION INCLUDED: ANACOSTIA RIVER, WASHINGTON CHANNEL AND VIRGINIA CHANNEL. CONTROLLING DEPTH: 17 FEET AT HAINES POINT, ANACOSTIA RIVER, 17.5 FEET FROM MOUTH TO 11TH STREET, BALANCE OF RIVER RANGES FROM 6 TO 16 FEET; WASHINGTON CHANNEL, 17 FEET FROM HAINES POINT TO 7TH STREET, 17 FEET TO 12TH STREET; VIRGINIA, 11.6 FEET FROM GIESBORO POINT TO KEY BRIDGE. PROJECT DEPTH: 24 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	1,538,121	319,689	1981-----	722,656	351,936
1977-----	1,537,085	398,207	1982-----	628,558	338,268
1978-----	1,371,886	-----	1983-----	523,907	298,918
1979-----	1,086,989	-----	1984-----	439,219	408,543
1980-----	857,951	100,317	1985-----	548,702	451,427

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE RECEIPTS	INTERNAL	
			RECEIPTS	SHIPMENTS
TOTAL-----	548,702	362	548,320	20
2911 GASOLINE-----	2,594	-----	2,594	-----
2912 JET FUEL-----	161,539	-----	161,539	-----
2914 DISTILLATE FUEL OIL-----	153,672	-----	153,672	-----
2915 RESIDUAL FUEL OIL-----	230,515	-----	230,515	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	362	362	-----	-----
3731 SHIPS AND BOATS-----	20	-----	-----	20

ANACOSTIA RIVER, D.C. (INCLUDED IN WASHINGTON HARBOR, D.C.)

SECTION INCLUDED: MOUTH TO MAGRUDER BRIDGE, 6.6 MILES. CONTROLLING DEPTH: 17.5 FEET TO 11TH STREET BRIDGE, 2.1 MILES UPSTREAM OF MOUTH; BALANCE OF WATERWAY RANGES FROM 2 TO 16 FEET. PROJECT DEPTH: 24 FEET TO FOOT OF 15TH STREET S. E.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	1,538,121	1981-----	722,656
1977-----	1,536,957	1982-----	628,558
1978-----	1,367,187	1983-----	523,907
1979-----	1,086,989	1984-----	439,219
1980-----	857,951	1985-----	548,702

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE RECEIPTS	INTERNAL	
			RECEIPTS	SHIPMENTS
TOTAL-----	548,702	362	548,320	20
2911 GASOLINE-----	2,594	-----	2,594	-----
2912 JET FUEL-----	161,539	-----	161,539	-----
2914 DISTILLATE FUEL OIL-----	153,672	-----	153,672	-----
2915 RESIDUAL FUEL OIL-----	230,515	-----	230,515	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	362	362	-----	-----
3731 SHIPS AND BOATS-----	20	-----	-----	20
TOTAL TON-MILES, 1,497,022.				

# Waterborne Commerce of the United States, 1985

POTOMAC RIVER BELOW WASHINGTON, D. C.

SECTION INCLUDED: FROM MOUTH TO GIESBORO POINT AT WASHINGTON, D. C. 100 MILES. CONTROLLING DEPTH: KETTLE BOTTOM SHOAL 24 FEET; NANJEMOY BAR 21.7 FEET; MARYLAND PT. BAR 19.5 FEET; LIVERPOOL PT. 21.0 FEET; CHANNEL BETWEEN SANDY PT. AND QUANTICO 22.6 FEET; MATTANOMAN BAR 19.8 FEET; MARSHALL HALL BAR 22.3 FEET; HUNTING CREEK SHOAL 19.4 FEET; PROJECT DEPTH: 24 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	6,037,072	343,173	1981-----	2,894,103	270,479
1977-----	6,476,344	406,400	1982-----	2,416,191	254,390
1978-----	5,427,858	-----	1983-----	2,605,384	121,453
1979-----	5,204,930	-----	1984-----	3,406,252	133,731
1980-----	4,292,350	71,579	1985-----	3,630,268	331,034

## FREIGHT TRAFFIC, 1985

### OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		THROUGH UPBOUND
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	925,297	624,141	40	246,237	58,517	362
1311 CRUDE PETROLEUM-----	47,703	47,703	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	4	4	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	139,252	139,252	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	15,770	15,770	-----	-----	-----	-----
2711 PRINTED MATTER-----	2	2	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	43	43	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	18	-----	18	-----	-----	-----
2911 GASOLINE-----	55,797	55,797	-----	-----	-----	-----
2912 JET FUEL-----	13,299	-----	-----	13,299	-----	-----
2914 DISTILLATE FUEL OIL-----	239,571	202,492	-----	37,079	-----	-----
2915 RESIDUAL FUEL OIL-----	304,853	152,333	-----	153,120	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	107,981	10,725	-----	42,739	54,517	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	381	19	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1	1	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	22	-----	22	-----	-----	-----
TON-MILES, OCEANGOING, 58,408,506.						

### INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND UPBOUND	OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
			UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	2,912,971	766,261	492,390	561,935	75,960	132	1,060,271	16,022
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,024	-----	368	608	-----	59	470	119
0912 SHELLFISH, EXCEPT PREPARED-----	17,941	4,490	54	9,771	-----	73	3,481	72
0913 MENHADEN-----	2,918	-----	-----	2,914	-----	-----	4	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	32,535	31,935	-----	-----	-----	-----	-----	600
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,014,775	-----	-----	-----	-----	-----	999,564	15,211
2911 GASOLINE-----	70,038	-----	2,594	67,444	-----	-----	-----	-----
2912 JET FUEL-----	612,591	161,621	161,539	289,431	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	234,232	30,400	117,192	50,160	-----	-----	36,880	-----
2915 RESIDUAL FUEL OIL-----	638,499	337,608	210,643	19,872	50,504	-----	19,872	-----
2918 ASPHALT, TAR, AND PITCHES-----	287,308	200,211	-----	61,735	25,452	-----	-----	-----
3731 SHIPS AND BOATS-----	20	-----	-----	-----	-----	-----	-----	20
TON-MILES, INTERNAL, 143,696,319.								
TONS, ALL TRAFFIC, 3,834,246.								
TON-MILES, ALL TRAFFIC, 222,504,825.								

### BRETON BAY, MD.

SECTION INCLUDED: FROM MOUTH TO LEONARDTOWN 6.25 MILES. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 10 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	8,522	1981-----	20
1977-----	67	1982-----	49,027
1978-----	501	1983-----	566,059
1979-----	-----	1984-----	895,184
1980-----	53	1985-----	1,914,076

## BALTIMORE, MD, DISTRICT

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BRETON BAY, MD.--CONTINUED

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	1,014,876	101	1,014,775
0911 FRESH FISH, EXCEPT SHELLFISH-----	1	1	-----
0912 SHELLFISH, EXCEPT PREPARED-----	96	96	-----
0913 MENHADEN-----	8	4	-----
1402 SAND, GRAVEL, CRUSHED ROCK-----	1,014,775	-----	1,014,775
TOTAL TON-MILES, 6,088,852.			

OCCOQUAN CREEK, VA.

SECTION INCLUDED: FROM POTOMAC RIVER TO OCCOQUAN CREEK 6 MILES. 6 FEET DEEP AND 150 FEET WIDE FROM POTOMAC RIVER TO TAYLOR'S POINT AND THENCE 100 FEET WIDE TO END OF PROJECT. CONTROLLING DEPTH: 6 FEET. PROJECT DEPTH: 6 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	-----	1981-----	-----
1977-----	-----	1982-----	49,427
1978-----	-----	1983-----	564,262
1979-----	-----	1984-----	704,977
1980-----	-----	1985-----	909,564

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY		INTERNAL
		INBOUND
1402 SAND, GRAVEL, CRUSHED ROCK-----		909,564
TOTAL TON-MILES, 5,997,584.		



## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ANNAPOLIS HARBOR, MD.	2034 VEGETABLES AND PREP, NEC----- 2081 ALCOHOLIC BEVERAGES----- 2411 LOSS----- 2511 FURNITURE AND FIXTURES----- 3201 CUT STONE AND STONE PRODUCTS----- 3291 MISC NONMETALLIC MINERAL PROD----- 3322 COPPER ALLOYS, UNWORKED----- 3411 FABRICATED METAL PRODUCTS----- 3511 MACHINERY, EXCEPT ELECTRICAL----- 3711 MOTOR VEHICLES, PARTS, EQUIP----- TOTAL-----	23 31 25 2 1 1 2 60 12 4 161	----- ----- ----- ----- ----- ----- ----- ----- ----- ----- 161	----- ----- ----- ----- ----- ----- ----- ----- ----- ----- 207,144
AQUIA CREEK, VA.	NO COMMERCE REPORTED			
BACK CREEK, ANNE ARUNDEL COUNTY, MD.	0912 SHELLFISH, EXCEPT PREPARED-----	675	675	-----
BETTERTON HARBOR, MD.	NO COMMERCE REPORTED			
BLACK WALNUT HARBOR, MD.	NO COMMERCE REPORTED			
BONUM CREEK, VA.	NO COMMERCE REPORTED			
BRANSONS COVE, VA.	0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED----- TOTAL-----	880 1,400 2,280	----- ----- 2,280	----- ----- -----
BROAD CREEK RIVER, DEL.	NO COMMERCE REPORTED			
BROAD CREEK, SOMERSET COUNTY, MD.	NO COMMERCE REPORTED			
BROADWATER CREEK, MD.	NO COMMERCE REPORTED			
CADLE CREEK, MD.	NO COMMERCE REPORTED			
CAMBRIDGE HARBOR, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 1442 SAND, GRAVEL, CRUSHED ROCK----- TOTAL-----	53,532 8,012 66,261 125,805	----- ----- ----- 125,805	----- ----- ----- 326
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD.	NO COMMERCE REPORTED			
CHESTER RIVER, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED----- 2014 DISTILLATE FUEL OIL----- TOTAL-----	5 2,199 34,059 1,824 38,087	----- ----- ----- ----- 269,030	----- ----- ----- ----- -----
CLAIBORNE HARBOR, MD.	NO COMMERCE REPORTED			
COAN RIVER, VA.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED----- TOTAL-----	471 4,265 2,500 7,236	----- ----- ----- 15,320	----- ----- ----- -----
CORSICA RIVER, MD.	NO COMMERCE REPORTED			
CRISFIELD HARBOR, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 2094 GROCERIES----- 2491 WOOD MANUFACTURES, NEC----- 3411 FABRICATED METAL PRODUCTS----- 4112 COMMODITIES, NEC----- TOTAL-----	35 11,731 220 110 76 36 12,208	----- ----- ----- ----- ----- ----- 50,000	----- ----- ----- ----- ----- ----- 27,200
CUCKOLD CREEK, MD.	NO COMMERCE REPORTED			
DUCK POINT COVE, MD.	NO COMMERCE REPORTED			
ELK AND LITTLE ELK RIVERS, MD.	NO COMMERCE REPORTED			
FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED----- TOTAL-----	27 74,498 5,923 80,448	----- ----- ----- 529,368	----- ----- ----- -----
FISHING CREEK, CALVERT COUNTY, MD.	NO COMMERCE REPORTED			
GOOSE CREEK, SOMERSET COUNTY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	7 20,646 20,653	----- ----- 20,653	----- ----- -----
HERRING BAY AND ROCKHOLD CREEK, MD.	NO COMMERCE REPORTED			
HERRING CREEK, MD.	NO COMMERCE REPORTED			
HONGA RIVER AND TAR BAY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0913 HERRING----- 0931 MARINE SHELLS, UNMANUFACTURED----- TOTAL-----	27 9,200 312 9,885 17,904	----- ----- ----- ----- 61,310	----- ----- ----- ----- -----

## BALTIMORE, MD, DISTRICT

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
ISLAND CREEK, MD,-----	NO COMMERCE REPORTED			
KNAPPS NARROWS, MD,-----	0912 SHELLFISH, EXCEPT PREPARED-----	186	186	
LITTLE CREEK, QUEEN ANNES COUNTY, MD,-----	NO COMMERCE REPORTED			
LITTLE WICOMICO RIVER, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	347		
	0912 SHELLFISH, EXCEPT PREPARED-----	384		
	TOTAL-----	731	731	16,746
LOWER MACODDIE CREEK, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	75		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,626		
	0931 MARINE SHELLS, UNMANUFACTURED-----	2,443		
	TOTAL-----	4,144	10,568	
LOWER THOROUGHFARE AT OR NEAR MENDON, DEAL ISLAND, MD,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	3		
	0912 SHELLFISH, EXCEPT PREPARED-----	8,349		
	0913 MENHADEN-----	1		
	TOTAL-----	8,353	8,353	
LOWES WHARF, TALBOT COUNTY, MD,-----	0931 MARINE SHELLS, UNMANUFACTURED-----	21,085	21,085	
MANOKIN RIVER, MD,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	7		
	0912 SHELLFISH, EXCEPT PREPARED-----	21,100		
	0931 MARINE SHELLS, UNMANUFACTURED-----	8,082		
	TOTAL-----	29,189	70,053	
MIDDLE RIVER AND DARK HEAD CREEK, MD,-----	0931 MARINE SHELLS, UNMANUFACTURED-----	45,880	45,880	
MILL CREEK, MD,-----	NO COMMERCE REPORTED			
MONROE BAY AND CREEK, VA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	800	800	
MUDDY CREEK AND TYLER COVES, MD,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	25		
	0912 SHELLFISH, EXCEPT PREPARED-----	4,620		
	0913 MENHADEN-----	6		
	TOTAL-----	4,651	4,651	
NAN COVE, MD,-----	NO COMMERCE REPORTED			
NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD,-----	0102 BARLEY AND RYE-----	2,400		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,320		
	0931 MARINE SHELLS, UNMANUFACTURED-----	750		
	1499 NONMETALLIC MINERALS, NEC-----	4,317		
	2871 NITROGENOUS CHEM FERTILIZERS-----	20,884		
	2873 PHOSPHATIC CHEM FERTILIZERS-----	1,200		
	2879 FERTILIZER AND MATERIALS, NEC-----	24,027		
	2914 DISTILLATE FUEL OIL-----	40,788		
	2915 RESIDUAL FUEL OIL-----	62,140		
	2918 ASPHALT, TAR, AND PITCHES-----	43,297		
	TOTAL-----	201,143	7,220,726	
NANTICOKE RIVER AT BIVALVE, MD,-----	NO COMMERCE REPORTED			
NANTICOKE RIVER AT NANTICOKE, MD,-----	0912 SHELLFISH, EXCEPT PREPARED-----	1,320		
	0931 MARINE SHELLS, UNMANUFACTURED-----	750		
	TOTAL-----	2,070		
NEALE SOUND, MD,-----	0912 SHELLFISH, EXCEPT PREPARED-----	930		
	0931 MARINE SHELLS, UNMANUFACTURED-----	120		
	TOTAL-----	1,050	1,050	
NOMINI BAY AND CREEK, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	742		
	0912 SHELLFISH, EXCEPT PREPARED-----	4,002		
	0931 MARINE SHELLS, UNMANUFACTURED-----	1,500		
	TOTAL-----	6,244	7,088	
NORTHEAST RIVER, MD,-----	NO COMMERCE REPORTED			
OCEAN CITY HARBOR AND INLET AND BINEPUENT BAY, MD,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	668		
	0912 SHELLFISH, EXCEPT PREPARED-----	46,644		
	TOTAL-----	46,712	730,761	2,524
PARISH CREEK, MD,-----	0912 SHELLFISH, EXCEPT PREPARED-----	104		
	0931 MARINE SHELLS, UNMANUFACTURED-----	25		
	TOTAL-----	129	129	
PATUXENT RIVER, MD,-----	0912 SHELLFISH, EXCEPT PREPARED-----	302		
	0931 MARINE SHELLS, UNMANUFACTURED-----	802		
	2911 GASOLINE-----	5,387		
	2912 JET FUEL-----	54,036		
	2913 KEROSENE-----	144		
	2914 DISTILLATE FUEL OIL-----	5,536		
	2915 RESIDUAL FUEL OIL-----	8,777		
	3721 AIRCRAFT AND PARTS-----	19		
	TOTAL-----	75,074	190,697	

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
POTOMAC RIVER, MD.-----	0931 MARINE SHELLS, UNMANUFACTURED-----	13,582	-----	-----
	2411 LOGS-----	18,005	-----	-----
	2416 WOOD CHIPS, STAVES, MOLDINGS-----	177,489	-----	-----
	2911 GASOLINE-----	648	-----	-----
	2914 DISTILLATE FUEL OIL-----	5,034	-----	-----
	TOTAL-----	214,758	3,501,964	-----
POTOMAC RIVER AT ALEXANDRIA, VA.-----	2511 FURNITURE AND FIXTURES-----	4	-----	-----
	2621 STANDARD NEWSPRINT PAPER-----	139,252	-----	-----
	2631 PAPER AND PAPERBOARD-----	15,770	-----	-----
	2711 PRINTED MATTER-----	2	-----	-----
	2891 MISCELLANEOUS CHEMICAL PROD-----	18	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	19	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	1	-----	-----
	4112 COMMODITIES, NEC-----	22	-----	-----
	TOTAL-----	155,088	-----	-----
POTOMAC RIVER AT LOWER CEDAR POINT, MD.-----	NO COMMERCE REPORTED	-----	-----	-----
POTOMAC RIVER AT MT. VERNON, VA.-----	-----	-----	-----	330,834
POTOMAC RIVER, VIRGINIA CHANNEL, D. C. (INCLUDED IN WASHINGTON HARBOR, D. C.)-----	-----	-----	-----	120,489
POTOMAC RIVER, WASHINGTON CHANNEL, D. C. (INCLUDED IN REPORT FOR WASHINGTON HARBOR, D. C.)-----	-----	-----	-----	416,839
QUEENSTOWN HARBOR, MD.-----	NO COMMERCE REPORTED	-----	-----	-----
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD.-----	NO COMMERCE REPORTED	-----	-----	-----
ROCK HALL HARBOR, MD.-----	0912 SHELLFISH, EXCEPT PREPARED-----	446	-----	-----
	0913 MENHADEN-----	10	-----	-----
	TOTAL-----	456	456	-----
SLAUGHTER CREEK, MD.-----	NO COMMERCE REPORTED	-----	-----	-----
SMITH CREEK, MD.-----	NO COMMERCE REPORTED	-----	-----	-----
ST. CATHERINES SOUND, MD.-----	NO COMMERCE REPORTED	-----	-----	-----
ST. JEROME CREEK, MD.-----	NO COMMERCE REPORTED	-----	-----	-----
ST. MICHAELS HARBOR, MD.-----	0912 SHELLFISH, EXCEPT PREPARED-----	2,326	-----	141,656
ST. PATRICKS CREEK, MD.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	280	-----	-----
	0931 MARINE SHELLS, UNMANUFACTURED-----	375	-----	-----
	TOTAL-----	656	656	-----
ST. PETERS CREEK, MD.-----	NO COMMERCE REPORTED	-----	-----	-----
TILGHMAN ISLAND HARBOR, MD.-----	NO COMMERCE REPORTED	-----	-----	-----
TOWN CREEK, MD.-----	-----	-----	-----	837
TRED AVON RIVER, MD.-----	0912 SHELLFISH, EXCEPT PREPARED-----	2,254	-----	-----
	0931 MARINE SHELLS, UNMANUFACTURED-----	150	-----	-----
	1442 SAND, GRAVEL, CRUSHED ROCK-----	161,009	-----	-----
	2911 GASOLINE-----	12,151	-----	-----
	2913 KEROSENE-----	990	-----	-----
	2914 DISTILLATE FUEL OIL-----	17,525	-----	-----
	TOTAL-----	194,079	1,920,187	113,780
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD.-----	0912 SHELLFISH, EXCEPT PREPARED-----	13,457	-----	-----
	0931 MARINE SHELLS, UNMANUFACTURED-----	14,596	-----	-----
	2094 GROCERIES-----	220	-----	-----
	2401 WOOD MANUFACTURES, NEC-----	110	-----	-----
	2911 GASOLINE-----	313	-----	-----
	2913 KEROSENE-----	174	-----	-----
	2914 DISTILLATE FUEL OIL-----	866	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	74	-----	-----
	4112 COMMODITIES, NEC-----	36	-----	-----
	TOTAL-----	29,868	112,646	515
TYBASKIN CREEK, MD.-----	NO COMMERCE REPORTED	-----	-----	-----
UPPER NACHODOC CREEK, VA.-----	NO COMMERCE REPORTED	-----	-----	-----
UPPER THOROUGHFARE, DEAL ISLAND, MD.-----	0912 SHELLFISH, EXCEPT PREPARED-----	29,664	-----	-----
	0931 MARINE SHELLS, UNMANUFACTURED-----	3,222	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	200	-----	-----
	TOTAL-----	33,086	33,086	-----
WARRICK RIVER, MD.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	25	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	120	-----	-----
	TOTAL-----	145	290	-----
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD.--	0912 SHELLFISH, EXCEPT PREPARED-----	1,099	-----	-----

# NORFOLK, VA, DISTRICT

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## NORFOLK HARBOR, VA.

SECTION INCLUDED: FROM 45-FOOT CONTOUR IN HAMPTON ROADS TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH OF ELIZABETH RIVER, 14.78 MILES; THENCE UPSTREAM IN SOUTHERN BRANCH, 8.61 MILES, IN EASTERN BRANCH, 2.54 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; IN WESTERN BRANCH, 1.78 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; AND 0.73 MILES IN SCOTTS CREEK. CONTROLLING DEPTH: FROM THE 45 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, OUTBOUND HALF 45.0 FEET, INBOUND HALF, 45.0 FEET; LAMBERT POINT TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 40 FEET; BRANCH CHANNELS RANGE FROM 5.0 TO 35.0 FEET. PROJECT DEPTH: FROM THE 45 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, 45 FEET; FROM LAMBERT POINT TO THE NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 40 FEET; BRANCH CHANNELS RANGE FROM 12 TO 35 FEET. ANCHORAGES: TWO ANCHORAGES OPPOSITE SEWELL'S POINT, 45 FEET DEEP OVER A SWINGING RADIUS OF 1,200 FEET, THE WEST ANCHORAGE MAINTAINED TO 40 FEET DEEP. ANCHORAGE AREA ON THE WEST SIDE OF THE 45-FOOT CHANNEL OPPOSITE LAMBERTS POINT TOTALING 175 ACRES CONSISTING OF 1-1500 S.F. AREA 30 FT. DEEP; 1-1500 SF AREA 35 FT. DEEP; 1-3000 FT BY 1000 FT. AREA 20 FEET, AND A 45 ACRE AREA 12 FT. DEEP AT PINNERS POINT.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1976-----	50,055,402	78,230	610,901	1981-----	52,897,674	84,861	543,924
1977-----	43,862,200	61,132	482,666	1982-----	55,294,916	60,600	416,859
1978-----	34,018,870	53,042	463,593	1983-----	42,967,830	320	457,786
1979-----	48,650,778	85,637	502,524	1984-----	44,897,403	2,408	419,151
1980-----	50,217,591	44,745	454,623	1985-----	47,180,824	200,946	356,031

NOTE: PASSENGER TOTALS ABOVE INCLUDE FERRY PASSENGERS.

### FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	47,180,824	4,528,425	32,120,667	1,007,962	2,121,664	4,504,305	2,081,996	815,687
0101 COTTON, RAW-----	1,810		1,810					
0102 BARLEY AND RYE-----	121,954		112,109			9,845		
0103 CORN-----	2,073,782	2,576	1,940,440			130,746		
0105 RICE-----	333	105	228					
0106 SORGHUM GRAINS-----	564		564					
0107 WHEAT-----	642,128		606,325			35,803		
0111 SOYBEANS-----	1,003,550		926,840		4,365	71,056		1,269
0119 OILSEEDS, NEC-----	22,345	152	22,213					
0121 TOBACCO, LEAF-----	196,849	52,028	144,821					
0129 FIELD CROPS, NEC-----	2,256	775	1,481					
0131 FRESH FRUITS-----	1,343	190	1,153					
0133 COFFEE-----	3,118	1,942					1,176	
0134 COCOA BEANS-----	117,252	117,096	156					
0141 FRESH AND FROZEN VEGETABLES-----	3,614	1,223	2,391					
0151 LIVE ANIMALS-----	12		12					
0161 ANIMALS AND PRODUCTS, NEC-----	11,730	6,562	5,168					
0191 MISCELLANEOUS FARM PRODUCTS-----	3,247	2,930	317					
0841 CRUDE RUBBER AND ALLIED GUMS-----	280,539	280,102	437					
0861 FOREST PRODUCTS, NEC-----	8,767	8,009	758		593			
0911 FRESH FISH, EXCEPT SHELLFISH-----	10,171	13,613	176			356	26	
0912 SHELLFISH, EXCEPT PREPARED-----	4,801	4,245	115			215	226	
0931 MARINE SHELLS, UNMANUFACTURED-----	26	26						
1051 ALUMINUM ORES, CONCENTRATES-----	479,727	479,317	410					
1061 MANGANESE ORES, CONCENTRATES-----	417		417					
1091 NONFERROUS ORES, CONCENT, NEC-----	553	88	465					
1121 COAL AND LIGNITE-----	29,720,324		26,863,117		2,072,706		788,861	
1311 CRUDE PETROLEUM-----	12,468	212					12,256	
1412 BUILDING STONE, UNWORKED-----	563		563					
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,644,795	1,209	1,970			2,641,526		
1451 CLAY-----	150,086	145,269	4,817					
1471 PHOSPHATE ROCK-----	42		42					
1479 NATURAL FERTILIZER MATS, NEC-----	3,120	3,120						
1491 SALT-----	115,153	115,134	19					
1492 SULPHUR, DRY-----	245		245					
1494 GYPSUM, CRUDE AND PLASTERS-----	294,743	294,330	413					
1499 NONMETALLIC MINERALS, NEC-----	172,245	160,796	7,132				4,317	
2011 ORDNANCE AND ACCESSORIES-----	483	474	9					
2011 MEAT, FRESH, CHILLED, FROZEN-----	31,043	11,796	19,247					
2012 MEAT AND PRODUCTS, NEC-----	3,545	1,692	1,853					
2014 TALLOW, ANIMAL FATS AND OILS-----	11,891		11,891					
2015 ANIMAL BY-PRODUCTS, NEC-----	8,230	325	7,905					
2021 DAIRY PRODUCTS, NEC-----	645	470	175					
2022 DRIED MILK AND CREAM-----	23,672	64	23,608					
2031 FISH AND SHELLFISH, PREPARED-----	4,415	3,773	642					
2034 VEGETABLES AND PREP, NEC-----	37,319	35,889	1,430					
2039 PREP FRUIT AND VEG JUICE, NEC-----	34,210	30,439	3,775			16		
2041 WHEAT FLOUR AND SEMOLINA-----	1,778		1,778					
2042 ANIMAL FEEDS-----	26,954	19,509	9,445					
2049 GRAIN MILL PRODUCTS, NEC-----	251,917	4,125	247,792					
2061 SUGAR-----	406	5	401					
2062 MOLASSES-----	10,505	10,505						
2081 ALCOHOLIC BEVERAGES-----	149,514	136,514	12,023			977		
2091 VEGETABLE OILS, NAME, SHORT-----	64,509	1,132	63,322			55		
2092 ANIMAL OILS AND FATS, NEC-----	16,852		16,852					
2095 ICE-----	7,587	7,587						
2099 MISCELLANEOUS FOOD PRODUCTS-----	44,845	25,881	18,964			84	4,384	
2111 TOBACCO MANUFACTURES-----	53,644	2,119	50,999			627		
2211 BASIC TEXTILE PRODUCTS-----	105,074	29,959	79,617			94	8,404	
2212 TEXTILE FIBERS, NEC-----	6,441	6,441						
2311 APPAREL-----	4,782	3,088	1,674	19				
2411 LBS-----	58,068	495	57,663					

NORFOLK HARBOR, VA.--CONTINUED  
 FREIGHT TRAFFIC, 1985--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS SHIPMENTS	INTERNAL RECEIPTS SHIPMENTS	
2413 FUEL WOOD, CHARCOAL, WASTES-----	315	-----	315	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	27	-----	27	-----	-----	-----
2415 PULPHOOD, LOG-----	48	-----	48	-----	-----	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	29	-----	29	-----	-----	-----
2421 LUMBER-----	70,035	8,606	61,428	1	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	145,545	140,693	4,852	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	9,620	7,907	1,713	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	41,400	38,290	2,650	451	-----	-----
2611 PULP-----	42,940	-----	42,497	443	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	22,455	22,455	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	103,343	66,827	36,496	20	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	15,726	9,795	5,868	63	-----	-----
2711 PRINTED MATTER-----	5,590	2,643	2,947	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	17,603	17,603	119	-----	-----	-----
2911 DYES, PIGMENT, TANNING MATS-----	299	-----	299	-----	-----	-----
2913 ALCOHOLS-----	1,561	843	718	-----	-----	-----
2916 RADIOACTIVE MATERIALS, WASTES-----	5,652	3,251	2,381	-----	-----	-----
2917 BENZENE AND TOLUENE-----	5	-----	5	-----	-----	-----
2918 SULPHURIC ACID-----	25,410	-----	5,040	20,370	-----	-----
2919 BASIC CHEMICALS AND PROD, NEC-----	163,267	84,157	45,246	31,599	4	1,000
2921 PLASTIC MATERIALS-----	77,076	17,739	59,337	-----	-----	-----
2922 SYNTHETIC RUBBER-----	24,783	2,725	22,058	-----	-----	-----
2923 SYNTHETIC (MAN-MADE) FIBERS-----	40,491	5,666	34,845	-----	-----	-----
2931 DRUGS-----	13,658	10,782	2,873	3	-----	-----
2941 SOAP-----	14,870	4,568	8,460	12	1,830	-----
2951 PAINTS-----	13,359	17,230	1,110	19	-----	-----
2961 GUM AND WOOD CHEMICALS-----	2,052	928	1,154	-----	-----	-----
2971 NITROGENOUS CHEM FERTILIZERS-----	600,226	197,854	146,977	250,761	9,834	-----
2972 POTASSIC CHEM FERTILIZERS-----	163,961	165,895	16	30	-----	-----
2973 PHOSPHATIC CHEM FERTILIZERS-----	1,247	21	26	1,200	-----	-----
2976 INSECTICIDES, DISINFECTANTS-----	11,442	1,004	10,437	1	-----	-----
2979 FERTILIZER AND MATERIALS, NEC-----	24,590	14,684	6,306	1,700	2,400	-----
2991 MISCELLANEOUS CHEMICAL PROD-----	44,695	38,273	10,409	13	-----	-----
2911 GASOLINE-----	491,534	-----	145	22,117	2,640	340,531
2912 JET FUEL-----	495,574	-----	74,857	7,774	180,594	207,886
2913 KEROSENE-----	17,855	-----	144	-----	9,018	5,623
2914 DISTILLATE FUEL OIL-----	982,719	14,753	30	207,084	4,843	191,232
2915 RESIDUAL FUEL OIL-----	2,335,571	626,430	-----	429,089	3,312	329,780
2916 LUBRICATING OILS AND GREASES-----	65,467	148	6,483	52,485	1,574	1,142
2917 NAPHTHA, PETROLEUM SOLVENTS-----	46	-----	46	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	170,225	81,550	340	66,589	21,746	-----
2919 COKE, PETROLEUM COKE-----	20	-----	20	-----	-----	-----
2921 LIQUEFIED GASES-----	20,326	20,033	295	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	169	-----	169	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	32,494	2,634	2,024	-----	-----	9,778
3011 RUBBER AND MISC PLASTIC PROD-----	41,973	32,861	4,949	163	-----	18,054
3111 LEATHER AND LEATHER PRODUCTS-----	11,824	9,744	2,080	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	15,296	11,192	4,090	16	-----	-----
3241 BUILDING CEMENT-----	474,570	167,460	55	112,743	194,312	-----
3251 STRUCTURAL CLAY PRODUCTS-----	14,014	16,713	2,301	-----	-----	-----
3271 LIME-----	3	-----	3	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	8,668	8,635	33	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	14,320	9,534	4,243	68	5,475	-----
3314 IRON AND STEEL PRIMARY FORMS-----	438	434	4	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	17,348	16,218	1,170	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	7,731	7,731	7,731	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	11,765	9,820	1,945	-----	-----	-----
3318 FERROALLOYS-----	1,133	634	899	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	18,902	17,720	1,181	1	-----	-----
3321 NONFERROUS METALS, NEC-----	4,428	2,979	1,449	-----	-----	-----
3322 COPPER ALLOYS, UNKNOWN-----	12,712	11,580	1,132	-----	-----	-----
3323 LEAD AND ZINC, UNKNOWN-----	18	-----	18	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	12,360	9,340	3,013	7	-----	-----
3411 FABRICATED METAL PRODUCTS-----	87,000	68,329	17,777	14	30	850
3511 MACHINERY, EXCEPT ELECTRICAL-----	319,707	214,856	102,351	100	370	464
3611 ELECTRICAL MACH AND EQUIP-----	54,440	27,581	25,951	3	51	6
3711 MOTOR VEHICLES, PARTS, EQUIP-----	267,045	228,250	38,681	3	111	111
3721 AIRCRAFT AND PARTS-----	1,710	1,235	347	-----	128	-----
3731 SHIPS AND BOATS-----	4,764	4,082	303	329	3	20
3791 MISC TRANSPORTATION EQUIPMENT-----	3,546	1,537	1,943	-----	16	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	4,462	2,913	2,047	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	10,985	9,641	1,235	-----	89	-----
4011 IRON AND STEEL SCRAP-----	65,417	52	61,015	-----	-----	4,350
4012 NONFERROUS METAL SCRAP-----	24,684	568	24,116	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	4,820	30	4,790	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	15,655	195	15,460	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	1,030	-----	-----	-----	1,030	-----
4111 WATER-----	43,000	-----	-----	-----	-----	2,000
4112 COMMODITIES, NEC-----	221,529	6,637	15,217	5,320	21,102	67,794
9999 DEPARTMENT OF DEFENSE AND SCI-----	3,977	-----	3,977	-----	-----	105,459
TOTAL TON-MILES, 530,311,220.						41,000

HAMPTON ROADS, VA.--CONTINUED  
 FREIGHT TRAFFIC, 1985--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0861 FOREST PRODUCTS, NEC-----	9,968	9,210	165	593				
0911 FRESH FISH, EXCEPT SHELLFISH-----	15,979	13,613	176			1,461		729
0912 SHELLFISH, EXCEPT PREPARED-----	6,917	4,245	115			1,666		891
0931 MARINE SHELLS, UNMANUFACTURED-----	26	26						
1011 IRON ORE AND CONCENTRATES-----	41,948	41,948						
1051 ALUMINUM ORES, CONCENTRATES-----	479,727	479,317	410					
1061 MANGANESE ORES, CONCENTRATES-----	693		693					
1091 NONFERROUS ORES, CONCENT, NEC-----	572	88	484					
1121 COAL AND LIGNITE-----	46,786,718		43,119,030		2,225,555		1,442,133	
1311 CRUDE PETROLEUM-----	183,324	171,068					12,256	
1412 BUILDING STONE, UNWORKED-----	563		563					
1462 SAND, GRAVEL, CRUSHED ROCK-----	3,486,427	1,299	2,060			3,483,068		
1451 CLAY-----	150,115	145,288	4,830					
1471 PHOSPHATE ROCK-----	62		42					
1479 NATURAL FERTILIZER MATS, NEC-----	3,128	3,128						
1491 SALT-----	115,153	115,134	19					
1492 SULPHUR, DRY-----	245		245					
1494 GYPSUM, CRUDE AND PLASTERS-----	294,784	294,330	454					
1499 NONMETALLIC MINERALS, NEC-----	186,413	174,939	7,157				4,317	
1911 ORDNANCE AND ACCESSORIES-----	483	474	9					
2011 MEAT, FRESH, CHILLED, FROZEN-----	31,154	11,796	19,358					
2012 MEAT AND PRODUCTS, NEC-----	3,505	1,692	1,853					
2014 TALLOW, ANIMAL FATS AND OILS-----	11,891		11,891					
2015 ANIMAL BY-PRODUCTS, NEC-----	8,492	587	7,905					
2021 DAIRY PRODUCTS, NEC-----	645	470	175					
2022 DRIED MILK AND CREAM-----	28,443		28,376					
2031 FISH AND SHELLFISH, PREPARED-----	9,415	3,797	642					
2034 VEGETABLES AND PREP, NEC-----	38,071	36,631	1,440					
2039 PREP FRUIT AND VEG JUICE, NEC-----	36,062	31,840	4,206		16			
2041 WHEAT FLOUR AND SEMOLINA-----	7,242		7,242					
2042 ANIMAL FEEDS-----	20,081	19,621	460					
2049 GRAIN MILL PRODUCTS, NEC-----	240,940	4,432	245,548					
2061 SUGAR-----	406	5	401					
2062 MOLASSES-----	10,585	10,585						
2081 ALCOHOLIC BEVERAGES-----	149,846	137,226	12,083		577			
2091 VEGETABLE OILS, WARG, SHORT-----	66,799	1,132	65,612		55			
2092 ANIMAL OILS AND FATS, NEC-----	16,852	241	16,611					
2095 ICE-----	7,587	7,587						
2099 MISCELLANEOUS FOOD PRODUCTS-----	47,877	26,076	17,333		84		4,348	
2111 TOBACCO MANUFACTURES-----	55,659	2,119	52,995		627			
2211 BASIC TEXTILE PRODUCTS-----	121,086	31,610	85,148		94		4,404	
2212 TEXTILE FIBERS, NEC-----	7,231	7,231						
2311 APPAREL-----	6,062	4,210	1,833	19				
2411 LOGS-----	58,068	485	57,663					
2413 FUEL WOOD, CHARCOAL, WASTES-----	315		315					
2414 TIMBER, POSTS, POLES, PILING-----	27	27						
2415 PULPWOOD, LOG-----	48	48						
2416 WOOD CHIPS, STAVES, MOULDINGS-----	29	29						
2421 LUMBER-----	71,360	8,799	62,560		1			
2431 VENEER, PLYWOOD, WORKED WOOD-----	145,698	140,806	4,892					
2491 WOOD MANUFACTURES, NEC-----	9,830	7,972	1,858					
2511 FURNITURE AND FIXTURES-----	43,641	39,645	3,555		451			
2611 PULP-----	46,886		46,443		443			
2621 STANDARD NEWSPRINT PAPER-----	33,867	33,867						
2631 PAPER AND PAPERBOARD-----	114,272	70,847	43,405		20			
2641 PULP AND PAPER PRODUCTS, NEC-----	16,095	9,797	6,235		63			
2711 PRINTED MATTER-----	5,647	2,686	3,021					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	17,431	17,500	131					
2912 DYES, PIGMENT, TANNING MATS-----	306		306					
2913 ALCOHOLS-----	1,593	843	750					
2916 RADIOACTIVE MATERIALS, WASTES-----	5,632	3,251	2,381					
2917 BENZENE AND TOLUENE-----	5		5					
2918 SULPHURIC ACID-----	25,410		5,040		20,370			
2919 BASIC CHEMICALS AND PROD, NEC-----	164,757	84,253	46,680	31,599	4	1,221	1,000	
2921 PLASTIC MATERIALS-----	78,208	17,832	60,376					
2922 SYNTHETIC RUBBER-----	25,214	2,725	22,489					
2923 SYNTHETIC (MAN-MADE) FIBERS-----	41,124	5,660	35,464					
2931 DRUGS-----	13,929	10,793	3,133		3			
2941 SOAP-----	15,055	4,568	8,645		12	1,830		
2951 PAINTS-----	13,523	12,311	1,193		19			
2961 GUM AND WOOD CHEMICALS-----	2,109	928	1,181					
2971 NITROGENOUS CHEM FERTILIZERS-----	600,297	192,854	187,044			250,761	9,434	
2972 POTASSIC CHEM FERTILIZERS-----	163,941	163,895	16			30		
2973 PHOSPHATIC CHEM FERTILIZERS-----	1,247	21	26			1,200		
2974 INSECTICIDES, DISINFECTANTS-----	11,590	1,004	10,585		1			
2979 FERTILIZER AND MATERIALS, NEC-----	24,630	14,724	6,306			1,704	2,400	
2991 MISCELLANEOUS CHEMICAL PROD-----	49,530	34,374	11,143		13			
2911 GASOLINE-----	491,534		145	22,112	2,640	340,531	124,208	1,016
2912 JET FUEL-----	495,574			74,857	7,778	187,404	207,086	24,440
2913 KEROSENE-----	17,055		144			9,018	5,673	1,979
2914 DISTILLATE FUEL OIL-----	944,785	24,021	30	207,084	4,843	140,534	247,147	340,509
2915 RESIDUAL FUEL OIL-----	2,895,375	961,376		876,978	3,312	244,214	433,349	746,184
2916 LUBRICATING OILS AND GREASES-----	66,291	180	6,807	52,485	1,978	1,564	441	1,221
2917 NAPHTHA, PETROLEUM SOLVENTS-----	66		46					
2918 ASPHALT, TAR, AND PITCHES-----	223,454	104,624	341	69,894		48,593		
2919 COKE, PETROLEUM COKE-----	328,876	29,325	298,640				4,401	
2921 LIQUEFIED GASES-----	24,426	26,033	303					
2991 ASPHALT BUILDING MATERIALS-----	252		232					
2991 PETROLEUM AND COAL PROD, NEC-----	32,494	2,634	2,824				7,746	24,000
3011 RUBBER AND MISC PLASTIC PROD-----	44,709	34,780	9,746		163			
3111 LEATHER AND LEATHER PRODUCTS-----	11,913	9,799	2,114					
3211 GLASS AND GLASS PRODUCTS-----	16,009	11,810	4,183		16			
3241 BUILDING CEMENT-----	478,576	167,460	95	112,783		104,512		
3251 STRUCTURAL CLAY PRODUCTS-----	19,217	16,725	2,492					

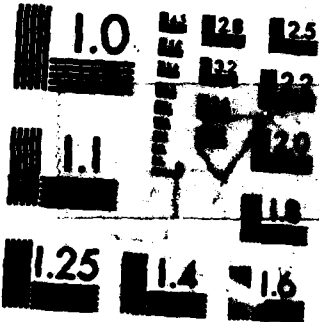
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WATERBORNE COMMERCE OF THE UNITED STATES CALENDAR YEAR  
1987 PART 1 WATERBORNE CORPS OF ENGINEERS FORT BELVOIR  
WA WATER RESOURCES SUPPORT CENTER MAY 87 WRSC-WOUS-85-1  
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



HAMPTON ROADS, VA.--CONTINUED  
 FREIGHT TRAFFIC, 1985--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3271 LIME-----	3		3					
3281 CUT STONE AND STONE PRODUCTS-----	8,692	8,693	39					
3291 MISC NONMETALLIC MINERAL PROD-----	30,639	9,630	4,626		68		10,040	5,475
3314 IRON AND STEEL PRIMARY FORMS-----	68,347	68,337	10					
3315 IRON, STEEL SHAPES, EXC SHEET-----	33,509	32,027	1,582					
3316 IRON AND STEEL PLATES, SHEETS-----	9,081	695	0,386					
3317 IRON AND STEEL PIPE AND TUBE-----	13,775	11,403	2,332					
3318 FERROALLOYS-----	1,152	653	499					
3319 IRON AND STEEL PRODUCTS, NEC-----	20,398	17,629	2,568		1			
3321 NONFERROUS METALS, NEC-----	5,141	3,023	2,118					
3322 COPPER ALLOYS, UNWORKED-----	12,766	11,590	1,186					
3323 LEAD AND ZINC, UNWORKED-----	19		19					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	96,376	73,393	5,431		7			
3411 FABRICATED METAL PRODUCTS-----	342,599	218,519	121,046	500	14		150	750
3511 MACHINERY, EXCEPT ELECTRICAL-----	59,626	27,641	30,038	100	379	852	812	900
3611 ELECTRICAL MACH AND EQUIP-----	269,323	220,334	40,075		31	956	60	900
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1,742	1,235	379		111			
3721 AIRCRAFT AND PARTS-----	4,801	4,086	336		128			
3731 SHIPS AND BOATS-----	12,977	1,540	10,471	329	3		20	27
3791 MISC TRANSPORTATION EQUIPMENT-----	5,197	2,967	2,230	950	16			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	11,100	9,698	1,321		89			
3911 MISC MANUFACTURED PRODUCTS-----	65,417	52	61,015				8,350	
4011 IRON AND STEEL SCRAP-----	24,733	502	24,141					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	5,135	30	5,105					
4024 PAPER WASTE AND SCRAP-----	15,655	195	15,460					
4029 WASTE AND SCRAP, NEC-----	1,030					1,030		
4111 WATER-----	43,000						500	42,500
4112 COMMODITIES, NEC-----	222,072	6,060	15,537	5,320	21,102	67,794	105,459	
9999 DEPARTMENT OF DEFENSE AND SCI-----	5,632		5,632					

## CHANNEL TO NEWPORT NEWS, VA.

SECTION INCLUDED: BETWEEN THE 45-FOOT DEPTH CONTOURS ON EACH SIDE OF MIDDLE GROUND SHOAL IN HAMPTON ROADS, VA., 4.8 MILES, CONTROLLING DEPTH: OUTBOUND HALF OF CHANNEL, 45.0 FEET AT MEAN LOW WATER; INBOUND HALF OF CHANNEL, 45.0 FEET AT MEAN LOW WATER. PROJECT LENGTH: 4.8 MILES, ALSO INCLUDES TWO DEEP DRAFT ANCHORAGE BERTHS OPPOSITE NEWPORT NEWS 45 DEEP OVER A 1,200 FOOT SWING RADIUS, MAINTAINED TO 40 FEET DEEP.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	17,967,014	1981-----	22,668,364
1977-----	13,253,075	1982-----	25,061,210
1978-----	12,423,026	1983-----	19,140,394
1979-----	17,089,036	1984-----	21,962,167
1980-----	26,180,356	1985-----	25,174,861

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		THROUGH		COASTWISE		INTERNAL	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL-----	25,174,861	17,156,904	1,784,747	246,520	193,036	5,836,054	661,592
3101 COTTON, RAW-----	1,015	1,015					
3103 CORN-----	213	44	169				
3106 SOYBEAN GRAINS-----	7	7					
3111 SOYBEANS-----	244	244					
3119 OILSEEDS, NEC-----	7,739	7,682	77				
3121 TOBACCO, LEAF-----	61,820	5,387	56,433				
3129 FIELD CROPS, NEC-----	1,115	89	1,024				
3133 COFFEE-----	292	50	242				
3134 COCOA BEANS-----	2,083		2,083				
3141 FRESH AND FROZEN VEGETABLES-----	21	1	20				
3151 LIVE ANIMALS-----	1,530	1,530					
3161 ANIMALS AND PRODUCTS, NEC-----	927	119	808				
3191 MISCELLANEOUS FARM PRODUCTS-----	4		4				
3841 CRUDE RUBBER AND ALLIED GUMS-----	82,310	170	32,140				
3861 FOREST PRODUCTS, NEC-----	2,023	80	1,943				
3911 FRESH FISH, EXCEPT SHELLFISH-----	2,387		402				1,985
3912 SHELLFISH, EXCEPT PREPARED-----	1,936		2				1,934
3931 MARINE SHELLS, UNMANUFACTURED-----	9,259						9,259
3931 IRON ORE AND CONCENTRATES-----	41,940		11,940				
3981 MANGANESE ORES, CONCENTRATED-----	276		276				
3991 NONFERROUS ORES, CONCENT, NEC-----	102		80				
3121 COAL AND LIGNITE-----	17,066,031	16,258,990		152,090		657,672	
3311 CRUDE PETROLEUM-----	179,656		179,656				
3402 SAND, GRAVEL, CRUSHED ROCK-----	4,126,460	245				4,126,215	
3451 CLAY-----	49,537	13	49,524				
3471 PHOSPHATE ROCK-----	20	20					
3494 GYPSUM, CRUDE AND PLASTER-----	41	41					
3499 NONMETALLIC MINERALS, NEC-----	19,350	1,215	14,103				
3911 ORDNANCE AND ACCESSORIES-----	67		67				
3911 MEAT, FRESH, CHILLED, FROZEN-----	111	111					

CHANNEL TO NEWPORT NEWS, VA.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		THROUGH		COASTWISE		INTERNAL	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
2012 MEAT AND PRODUCTS, NEC-----	60	30	22				
2015 ANIMAL BY-PRODUCTS, NEC-----	262		262				
2022 DRIED MILK AND CREAM-----	4,771	4,771					
2034 VEGETABLES AND PREP, NEC-----	807	10	807				
2039 PREP FRUIT AND VEG JUICE, NEC-----	3,524	451	3,073				
2041 WHEAT FLOUR AND SEMOLINA-----	5,464	5,464					
2042 ANIMAL FEEDS-----	127	15	112				
2049 GRAIN MILL PRODUCTS, NEC-----	18,084	17,770	314				
2081 ALCOHOLIC BEVERAGES-----	21,774	139	21,635				
2091 VEGETABLE OILS, MARG, SHORT-----	2,345	2,200	55				
2099 MISCELLANEOUS FOOD PRODUCTS-----	4,190	3,016	1,174				
2111 TOBACCO MANUFACTURES-----	15,607	14,675	932				
2211 BASIC TEXTILE PRODUCTS-----	22,182	10,400	2,702				
2212 TEXTILE FIBERS, NEC-----	3,423		3,423				
2311 APPAREL-----	1,674	502	1,132				
2421 LUMBER-----	3,105	1,811	1,294				
2431 VENEER, PLYWOOD, WORKED WOOD-----	227	15	212				
2491 WOOD MANUFACTURES, NEC-----	575	250	316				
2511 FURNITURE AND FIXTURES-----	2,950	899	2,051				
2611 PULP-----	4,955	4,955					
2621 STANDARD NEWSPRINT PAPER-----	11,412		11,412				
2631 PAPER AND PAPERBOARD-----	20,245	7,045	13,200				
2691 PULP AND PAPER PRODUCTS, NEC-----	512	423	89				
2711 PRINTED MATTER-----	153	81	72				
2811 CRUDE TAR, OIL, RES PRODUCTS-----	855	12	843				
2812 DYES, PIGMENT, TANNING MATS-----	55	55					
2813 ALCOHOLS-----	501		235				
2819 BASIC CHEMICALS AND PROD, NEC-----	271,323	30,757	57,973	5,350			177,243
2821 PLASTIC MATERIALS-----	16,302	12,977	3,325				
2822 SYNTHETIC RUBBER-----	9,322	9,300	22				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,476	2,300	86				
2831 DRUGS-----	1,560	1,291	269				
2841 SOAP-----	1,142	309	833				
2851 PAINTS-----	1,853	108	1,745				
2861 GUM AND WOOD CHEMICALS-----	100	100					
2871 NITROGENOUS CHEM FERTILIZERS-----	715,456	381,771		46,364			267,321
2876 INSECTICIDES, DISINFECTANTS-----	4,291	4,244	47				
2879 FERTILIZER AND MATERIALS, NEC-----	8,203		40	8,163			
2891 MISCELLANEOUS CHEMICAL PROD-----	2,839	2,207	632				
2911 GASOLINE-----	361,500			2,366	7,016	368,816	2,590
2913 KEROSENE-----	15,483			2,289		11,127	2,067
2914 DISTILLATE FUEL OIL-----	272,433		15,068			119,470	137,895
2915 RESIDUAL FUEL OIL-----	962,801		358,946			275,568	284,402
2916 LUBRICATING OILS AND GREASES-----	1,534	810	14				701
2918 ASPHALT, TAR, AND BITUMENS-----	210,513	1	23,076	9,187	135,881	11,645	30,403
2920 COKE, PETROLEUM COKE-----	328,856	294,856	29,325			6,653	
2921 LIQUEFIED GASES-----	100	100					
2951 ASPHALT BUILDING MATERIALS-----	63	63					
2991 PETROLEUM AND COAL PROD, NEC-----	2,310		208				2,022
3011 RUBBER AND MISC PLASTIC PROD-----	3,811	1,757	2,054				
3111 LEATHER AND LEATHER PRODUCTS-----	90	34	45				
3211 GLASS AND GLASS PRODUCTS-----	1,692	748	944				
3241 BUILDING CEMENT-----	5		5				
3251 STRUCTURAL CLAY PRODUCTS-----	205	191	14				
3281 CUT STONE AND STONE PRODUCTS-----	26	8	18				
3291 MISC NONMETALLIC MINERAL PROD-----	16,839	406	114			14,440	5,475
3314 IRON AND STEEL PRIMARY FORMS-----	67,909	6	67,903				
3315 IRON, STEEL SHAPES, EXC SHEET-----	16,641	392	16,249				
3316 IRON AND STEEL PLATES, SHEETS-----	1,354	659	695				
3317 IRON AND STEEL PIPE AND TUBE-----	2,071	448	1,623				
3318 FERROALLOYS-----	806	766	40				
3319 IRON AND STEEL PRODUCTS, NEC-----	2,448	1,594	854				
3321 NONFERROUS METALS, NEC-----	777	669	108				
3322 COPPER ALLOYS, UNWORKED-----	285	94	191				
3323 LEAD AND ZINC, UNWORKED-----	77	1	76				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	3,053	16	3,035				
3411 FABRICATED METAL PRODUCTS-----	12,040	4,403	6,427		500	30	700
3511 MACHINERY, EXCEPT ELECTRICAL-----	25,836	19,240	5,201			173	1,222
3611 ELECTRICAL MACH AND EQUIP-----	7,691	2,208	943			260	2,150
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,632	2,379	253				
3721 AIRCRAFT AND PARTS-----	32	32					
3731 SHIPS AND BOATS-----	87	33	54				
3791 MISC TRANSPORTATION EQUIPMENT-----	9,434	8,481	3		950		
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,560	1,156	404				
3911 MISC MANUFACTURED PRODUCTS-----	810	162	648				
4012 NONFERROUS METAL SCRAP-----	1,788	1,724	64				
4022 TEXTILE WASTE, SCRAP, SHEEP-----	324						
4024 PAPER WASTE AND SCRAP-----	170						
4111 WASTE-----	1,500						1,500
4112 COMMODITIES, NEC-----	3,404	2,149	875				
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,674	1,674					
TOTAL TON-MILES, 125,836,481.							

# NORFOLK, VA, DISTRICT

89

PORT OF NEWPORT NEWS, VA.  
(INCLUDING NEWPORT NEWS CREEK, VA.)

SECTION INCLUDED: LOWER EAST SHORE OF JAMES RIVER FROM MOUTH TO 1.5 MILES, AND PORTION OF NORTH SHORE OF HAMPTON ROADS COVERING APPROXIMATELY 15,000 LINEAR FEET OF WATERFRONT AT NEWPORT NEWS AND NEWPORT NEWS CREEK.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	13,344,253	65,270	1981	18,429,942	80,000
1977	8,730,346	128,924	1982	20,911,077	
1978	7,255,936	64,460	1983	13,517,518	
1979	11,598,735	76,680	1984	15,552,908	
1980	20,820,941	96,780	1985	19,168,548	

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	19,168,548	850,852	16,667,370	52,644	152,809	515,672	910,696	5,505
0101 COTTON, RAW	1,815		1,815					
0103 CORN	213	169	44					
0106 SORGHUM GRAINS	7							
0111 SOYBEANS	11		11					
0119 OILSEEDS, NEC	77	77						
0121 TOBACCO, LEAF	1,195	1,195						
0129 FIELD CROPS, NEC	1,024	1,024						
0133 COFFEE	240	240						
0134 COCOA BEANS	2,502	2,502						
0141 FRESH AND FROZEN VEGETABLES	21	20	1					
0161 ANIMALS AND PRODUCTS, NEC	524	524						
0191 MISCELLANEOUS FARM PRODUCTS	4	4						
0841 CRUDE RUBBER AND ALLIED GUMS	80,132	79,962	170					
0861 FOREST PRODUCTS, NEC	1,201	1,201						
0911 FRESH FISH, EXCEPT SHELLFISH	1,756					1,823		703
0912 SHELLFISH, EXCEPT PREPARED	1,663							665
1011 IRON ORE AND CONCENTRATES	41,948	41,948						
1061 MANGANESE ORES, CONCENTRATES	276		276					
1091 NONFERROUS ORES, CONCENT, NEC	19		19					
1121 COAL AND LIGNITE	17,066,594		16,255,913		152,809		657,672	
1311 CRUDE PETROLEUM	170,856	170,856						
1442 SAND, GRAVEL, CRUSHED ROCK	233,644					233,594		
1451 CLAY	32	19	13					
1496 GYPSUM, CRUDE AND PLASTERS	41		41					
1499 NONMETALLIC MINERALS, NEC	14,160	14,143	25					
2011 MEAT, FRESH, CHILLED, FROZEN	111		111					
2015 ANIMAL BY-PRODUCTS, NEC	262	262						
2022 DRIED MILK AND CREAM	4,771		4,771					
2034 VEGETABLES AND PREP, NEC	752	742	10					
2039 PREP FRUIT AND VEG JUICE, NEC	1,852	1,401	451					
2041 WHEAT FLOUR AND SEMOLINA	5,464		5,464					
2042 ANIMAL FEEDS	127	112	15					
2049 GRAIN MILL PRODUCTS, NEC	18,063	307	17,756					
2081 ALCOHOLIC BEVERAGES	372	312	60					
2091 VEGETABLE OILS, MARG, SHORT	2,290		2,290					
2099 MISCELLANEOUS FOOD PRODUCTS	3,032	595	2,437					
2111 TOBACCO MANUFACTURES	2,015		2,015					
2211 BASIC TEXTILE PRODUCTS	16,022	1,451	14,571					
2212 TEXTILE FIBERS, NEC	790		790					
2311 APPAREL	1,280	1,121	159					
2421 LUMBER	1,325	193	1,132					
2431 VENEER, PLYWOOD, WORKED WOOD	113	113						
2491 WOOD MANUFACTURES, NEC	210	85	125					
2511 FURNITURE AND FIXTURES	2,251	1,355	896					
2611 PULP	3,946		3,946					
2621 STANDARD NEWSPRINT PAPER	11,412	11,412						
2631 PAPER AND PAPERBOARD	10,929	4,020	6,909					
2691 PULP AND PAPER PRODUCTS, NEC	349	2	347					
2711 PRINTED MATTER	77	3	74					
2811 CRUDE TAR, OIL, GAS PRODUCTS	20	16	4					
2812 DYES, PIGMENT, TANNING MATS	7		7					
2913 ALCOHOLS	32		32					
2919 BASIC CHEMICALS AND PROD, NEC	1,490	94	1,394					
2921 PLASTIC MATERIALS	1,132	93	1,039					
2922 SYNTHETIC RUBBER	431		431					
2923 SYNTHETIC (MAN-MADE) FIBERS	633	14	619					
2931 DRUGS	271	11	260					
2941 SOAP	185		185					
2951 PAINTS	190	91	99					
2961 GUM AND WOOD CHEMICALS	27		27					
2971 NITROGENOUS CHEM FERTILIZERS	71		71					
2976 INSECTICIDES, DISINFECTANTS	140		140					
2979 FERTILIZER AND MATERIALS, NEC	40	40						
2991 MISCELLANEOUS CHEMICAL PROD	635	101	734					
2914 DISTILLATE FUEL OIL	118,061	15,060				100,201	1,876	816
2915 RESIDUAL FUEL OIL	785,140	350,906		47,809		130,703	230,409	1,121
2916 LUBRICATING OILS AND GREASES	1,025		324			701		
2918 ASPHALT, TAR, AND PITCHES	53,229	23,976	1	3,105		26,067		
2920 COKE, PETROLEUM COKE	328,856	29,325	299,531				8,683	
2921 LIQUEFIED GASES	100		100					
2951 ASPHALT BUILDING MATERIALS	63		63					
2991 PETROLEUM AND COAL PROD, NEC	2,022					2,022		
3011 RUBBER AND NEC PLASTIC PROD	2,736	1,919	817					
3111 LEATHER AND LEATHER PRODUCTS	189	95	94					
3211 GLASS AND GLASS PRODUCTS	711	610	93					

PORT OF NEWPORT NEWS, VA.  
(INCLUDING NEWPORT NEWS CREEK, VA.)--CONTINUED

## FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3251 STRUCTURAL CLAY PRODUCTS-----	203	12	191	-----	-----	-----	-----	-----
3201 CUT STONE AND STONE PRODUCTS-----	24	18	6	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	16,794	96	303	-----	-----	5,475	10,000	-----
3314 IRON AND STEEL PRIMARY FORMS-----	67,909	67,903	6	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEETS-----	16,201	15,809	392	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	1,350	695	655	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	2,010	1,623	387	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	19	19	-----	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,496	109	1,387	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	713	88	669	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	54	-----	54	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	1	-----	1	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	624	606	18	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	10,106	5,044	3,812	500	-----	700	30	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	23,592	3,643	18,645	-----	-----	1,000	186	-----
3611 ELECTRICAL MACH AND EQUIP-----	6,037	60	4,087	-----	-----	1,050	40	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,278	84	2,194	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	32	-----	32	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	37	4	33	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	9,431	3	8,478	950	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	235	52	183	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	123	57	66	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	49	24	25	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	315	-----	315	-----	-----	-----	-----	-----
4111 WATER-----	1,500	-----	-----	-----	-----	1,500	-----	-----
4112 COMMODITIES, NEC-----	543	223	320	-----	-----	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,655	-----	1,655	-----	-----	-----	-----	-----

## JAMES RIVER, VA. (CONSOLIDATED REPORT)

SECTION INCLUDED: FROM MOUTH TO RICHMOND, VA., 90.8 MILES. CONTROLLING DEPTH: FROM THE MOUTH TO DEEPWATER TERMINAL (4.7 MILES BELOW RICHMOND), 23.2 FEET, THENCE TO A POINT 700 FEET DOWNSTREAM FROM LOCK, 14.5 FEET. PROJECT DEPTH: FROM THE MOUTH TO DEEPWATER TERMINAL (4.7 MILES BELOW RICHMOND), 35 FEET, MAINTAINED TO 25 FEET, THENCE 18 FEET TO THE RICHMOND LOCK. ALL AT MEAN LOW WATER. PROJECT LENGTH: 90.8 MILES. TERMINALS WITH A TURNING BASIN 34 FEET DEEP, MAINTAINED TO 25 FEET, 825 FT WIDE, AND 2,770 FT LONG.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1976-----	6,192,395	743,333	310,191	1981-----	6,342,269	965,161	380,053
1977-----	6,714,097	760,566	387,834	1982-----	6,070,085	986,918	388,757
1978-----	7,819,573	767,723	389,712	1983-----	6,023,110	1,045,202	501,690
1979-----	7,918,482	842,267	391,522	1984-----	6,173,947	1,257,314	492,183
1980-----	7,853,114	915,413	365,579	1985-----	6,010,704	1,334,484	514,237

NOTE: PASSENGER TOTALS ABOVE INCLUDE FERRY PASSENGERS.

## FREIGHT TRAFFIC, 1985

## FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL-----	712,429	226,895	485,534
0111 SOYBEANS-----	233	-----	233
0119 OILSEEDS, NEC-----	7,662	-----	7,662
0121 TOBACCO, LEAF-----	60,625	55,238	5,387
0129 FIELD CROPS, NEC-----	89	-----	89
0133 COFFEE-----	52	-----	52
0138 COCOA BEANS-----	301	301	-----
0151 LIVE ANIMALS-----	1,530	-----	1,530
0161 ANIMALS AND PRODUCTS, NEC-----	304	279	119
0801 CRUDE RUBBER AND ALLIED GUMS-----	2,178	2,178	-----
0861 FOREST PRODUCTS, NEC-----	822	742	80
0911 FRESH FISH, EXCEPT SHELLFISH-----	442	442	-----
0912 SHELLFISH, EXCEPT PREPARED-----	2	2	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	83	40	43
1121 COAL AND LIGNITE-----	37	-----	37
1402 SAND, GRAVEL, CRUSHED ROCK-----	155	-----	155
1451 CLAY-----	40,505	40,505	-----
1471 PHOSPHATE ROCK-----	20	-----	20
1499 NONMETALLIC MINERALS, NEC-----	1,190	-----	1,190
1911 ORDNANCE AND ACCESSORIES-----	47	-----	47
2012 MEAT AND PRODUCTS, NEC-----	60	22	38
2030 VEGETABLES AND PREP, NEC-----	145	145	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,674	1,674	-----
2049 GRAIN MILL PRODUCTS, NEC-----	21	7	14
2081 ALCOHOLIC BEVERAGES-----	21,402	21,523	79
2091 VEGETABLE OILS, MARG, SHORT-----	55	55	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,158	579	579
2111 TOBACCO MANUFACTURES-----	13,592	932	12,660
2211 BASIC TEXTILE PRODUCTS-----	6,160	1,251	4,909

# NORFOLK, VA, DISTRICT

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JAMES RIVER, VA. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1965--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
2812 TEXTILE FIBERS, NEC-----	2,633	2,633	
2311 APPAREL-----	304	11	303
2421 LUMBER-----	1,780	1,161	679
2431 VENEER, PLYWOOD, WORKED WOOD-----	114	99	15
2491 WOOD MANUFACTURES, NEC-----	345	251	114
2511 FURNITURE AND FIXTURES-----	609	609	
2611 PULP-----	1,000		1,000
2631 PAPER AND PAPER PRODUCTS, NEC-----	9,336	9,100	156
2691 PULP AND PAPER PRODUCTS, NEC-----	143	87	56
2711 PRINTED MATTER-----	76	69	7
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	827	827	
2812 DYES, PIGMENT, TANNING MATS-----	40		40
2813 ALCOHOLS-----	460	235	234
2910 BASIC CHEMICALS AND PROD, NEC-----	87,240	57,877	29,363
2921 PLASTIC MATERIALS-----	15,170	3,232	11,938
2922 SYNTHETIC RUBBER-----	8,891	22	8,869
2923 SYNTHETIC (MAN-MADE) FIBERS-----	1,843	72	1,771
2931 DRUGS-----	1,260	250	1,031
2941 SOAP-----	957	833	124
2951 PAINTS-----	1,609	1,604	25
2961 GUM AND WOOD CHEMICALS-----	73		73
2971 NITROGENOUS CHEM FERTILIZERS-----	381,700		381,700
2976 INSECTICIDES, DISINFECTANTS-----	4,143	47	4,096
2991 MISCELLANEOUS CHEMICAL PROD-----	2,000	531	1,473
2916 LUBRICATING OILS AND GREASES-----	569	14	495
2991 PETROLEUM AND COAL PROD, NEC-----	280	280	
3011 RUBBER AND MISC PLASTIC PROD-----	1,075	135	940
3111 LEATHER AND LEATHER PRODUCTS-----	10	10	
3211 GLASS AND GLASS PRODUCTS-----	961	326	655
3241 BUILDING CEMENT-----	5	5	
3251 STRUCTURAL CLAY PRODUCTS-----	2	2	
3281 CUT STONE AND STONE PRODUCTS-----	2		2
3291 MISC NONMETALLIC MINERAL PROD-----	45	22	23
3315 IRON, STEEL SHAPES, EXC SHEET-----	440	440	
3316 IRON AND STEEL PLATES, SHEETS-----	4		4
3317 IRON AND STEEL PIPE AND TUBE-----	61		61
3318 FERROALLOYS-----	747	21	766
3319 IRON AND STEEL PRODUCTS, NEC-----	952	745	207
3321 NONFERROUS METALS, NEC-----	64	64	
3322 COPPER ALLOYS, UNWORKED-----	231	191	40
3323 LEAD AND ZINC, UNWORKED-----	76	76	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2,429	2,429	
3411 FABRICATED METAL PRODUCTS-----	1,958	1,303	591
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,083	1,538	545
3611 ELECTRICAL MACH AND EQUIP-----	1,044	883	161
3711 MOTOR VEHICLES, PARTS, EQUIP-----	350	169	185
3731 SHIPS AND BOATS-----	50	50	
3791 MISC TRANSPORTATION EQUIPMENT-----	3		3
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,325	352	973
3911 MISC MANUFACTURED PRODUCTS-----	607	581	26
4012 NONFERROUS METAL SCRAP-----	1,739	40	1,699
4022 TEXTILE WASTE, SCRAP, SHEEP-----	9		9
4024 PAPER WASTE AND SCRAP-----	170		170
4112 COMMODITIES, NEC-----	2,501	652	1,849
9999 DEPARTMENT OF DEFENSE AND SCI-----	19		19

TON-MILES, FOREIGN, 54,054,792.

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL				THROUGH
		RECEIPTS	SHIPMENTS	INBOUND UPBOUND	OUTBOUND DOWNBOUND	UPBOUND	DOWNBOUND	
TOTAL-----	8,290,275	140,392	93,719	1,500,810	5,335,415	641,374	456,544	42,061
0011 FRESH FISH, EXCEPT SHELLFISH-----	1,037				244	600		109
0012 SHELLFISH, EXCEPT PREPARED-----	1,107				270	566		271
0031 MARINE SHELLS, UNMANUFACTURED-----	9,259			9,259				
1042 SAND, GRAVEL, CRUSHED ROCK-----	6,722,070			1,173,247	8,492,915	600,208	456,508	
2019 BASIC CHEMICALS AND PROD, NEC-----	182,593		5,350	177,243				
2071 NITROGENOUS CHEM FERTILIZERS-----	335,885		66,364		267,521			
2079 FERTILIZER AND MATERIALS, NEC-----	8,163		8,163					
2011 GASOLINE-----	361,590		7,816	2,594	340,814			
2013 KEROSENE-----	15,403		2,889	2,667	11,107			
2014 DISTILLATE FUEL OIL-----	199,019			37,425	117,594			
2015 RESIDUAL FUEL OIL-----	349,504			182,905	184,090			41,461
2018 ASPHALT, TAR, AND BITUMEN-----	197,084		9,187	5,436	11,688			
3511 MACHINERY, EXCEPT ELECTRICAL-----	161			134	27			
3611 ELECTRICAL MACH AND EQUIP-----	520			300	220			

TON-MILES, DOMESTIC, 910,164,550.

TONS, ALL TRAFFIC, 9,010,740.

TON-MILES, ALL TRAFFIC, 560,219,342.

PORT OF RICHMOND, VA.  
(INCLUDED IN JAMES RIVER, VA., CONSOLIDATED REPORT)

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INLAND	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL	1,863,852	176,774	101,707	140,302	22,005	886,756	614,218
0119 OILSEEDS, NEC	7,639		7,639				
0121 TORACCO, LEAF	60,400	55,258	5,261				
0129 FIELD CROPS, NEC	89		89				
0133 COFFEE	52	2	50				
0134 COCOA BEANS	301	301					
0151 LIVE ANIMALS	1,530		1,530				
0161 ANIMALS AND PRODUCTS, NEC	370	279	91				
0801 CRUDE RUBBER AND ALLIED GUMS	2,178	2,178					
0861 FOREST PRODUCTS, NEC	822	742	80				
0911 FRESH FISH, EXCEPT SHELLFISH	462	462					
0912 SHELLFISH, EXCEPT PREPARED	2	2					
0931 MARINE SHELLS, UNMANUFACTURED	9,250					9,250	
1091 NONFERROUS ORES, CONCENT, NEC	83	80	43				
1121 COAL AND LIGNITE	37		37				
1402 SAND, GRAVEL, CRUSHED ROCK	640,359		155			640,208	
1451 CLAY	49,505	49,505					
1471 PHOSPHATE ROCK	20		20				
1499 NONMETALLIC MINERALS, NEC	1,190		1,190				
1911 ORDNANCE AND ACCESSORIES	47	47					
2012 MEAT AND PRODUCTS, NEC	60	22	38				
2034 VEGETABLES AND PREP, NEC	145	145					
2039 PREP FRUIT AND VEG JUICE, NEC	1,674	1,674					
2049 GRAIN MILL PRODUCTS, NEC	21	7	14				
2081 ALCOHOLIC BEVERAGES	21,402	21,323	79				
2091 VEGETABLE OILS, MARG, SHORT	55	55					
2099 MISCELLANEOUS FOOD PRODUCTS	1,150	579	579				
2111 TORACCO MANUFACTURES	12,746	932	11,814				
2211 BASIC TEXTILE PRODUCTS	6,077	1,251	4,826				
2212 TEXTILE FIBERS, NEC	2,633	2,633					
2311 APPAREL	380	11	369				
2421 LUMBER	1,700	1,101	679				
2431 VENEER, PLYWOOD, WORKED WOOD	114	99	15				
2491 WOOD MANUFACTURES, NEC	345	251	114				
2511 FURNITURE AND FIXTURES	499	696	3				
2611 PULP	1,009		1,009				
2631 PAPER AND PAPERBOARD	9,336	9,180	156				
2691 PULP AND PAPER PRODUCTS, NEC	143	87	56				
2711 PRINTED MATTER	76	69	7				
2811 CRUDE TAR, OIL, GAS PRODUCTS	827	827					
2812 DYES, PIGMENT, TANNING MATS	48		48				
2813 ALCOHOLS	469	235	234				
2819 BASIC CHEMICALS AND PROD, NEC	40,041	11,756	28,285				
2821 PLASTIC MATERIALS	18,267	3,232	15,035				
2822 SYNTHETIC RUBBER	8,581	22	8,559				
2823 SYNTHETIC (MAN-MADE) FIBERS	1,905	72	1,833				
2831 DRUGS	1,249	256	1,031				
2841 SOAP	956	833	123				
2851 PAINTS	1,689	1,664	25				
2861 GUM AND WOOD CHEMICALS	73		73				
2876 INSECTICIDES, DISINFECTANTS	4,127	47	4,080				
2879 FERTILIZER AND MATERIALS, NEC	9,163				8,163		
2891 MISCELLANEOUS CHEMICAL PROD	2,000	531	1,469				
2911 GASOLINE	361,590			7,016	2,346	2,504	348,418
2913 KEROSENE	15,483				2,289	2,067	11,127
2914 DISTILLATE FUEL OIL	101,535					23,941	117,504
2915 RESIDUAL FUEL OIL	250,053					125,055	125,004
2916 LUBRICATING OILS AND GREASES	509	14	495				
2918 ASPHALT, TAR, AND BITUMENS	157,084			132,576	9,187	3,636	11,685
2991 PETROLEUM AND COAL PROD, NEC	268	268					
3111 RUBBER AND MISC PLASTIC PROD	937	135	802				
3112 LEATHER AND LEATHER PRODUCTS	10	10					
3211 GLASS AND GLASS PRODUCTS	946	526	420				
3241 BUILDING CEMENT	5	5					
3251 STRUCTURAL CLAY PRODUCTS	2	2					
3281 CUT STONE AND STONE PRODUCTS	2		2				
3291 MISC NONMETALLIC MINERAL PROD	45	22	23				
3315 IRON, STEEL SHAPES, EXC SHEET	440	440					
3317 IRON AND STEEL PIPE AND TUBE	61		61				
3318 FERROALLOYS	787	21	766				
3319 IRON AND STEEL PRODUCTS, NEC	952	745	207				
3321 NONFERROUS METALS, NEC	64	64					
3322 COPPER ALLOYS, UNWORKED	231	191	40				
3323 LEAD AND ZINC, UNWORKED	76	76					
3324 ALUMINUM AND ALLOYS, UNWORKED	2,429	2,429					
3411 FABRICATED METAL PRODUCTS	1,937	1,363	574				
3412 MACHINERY EXCEPT ELECTRICAL	2,079	1,530	549				
3413 ELECTRICAL MACH AND EQUIP	1,043	803	160				
3711 MOTOR VEHICLES, PARTS, EQUIP	354	169	185				
3731 BUSES AND TRUCKS	50	50					
3791 MISC TRANSPORTATION EQUIPMENT	3		3				
3811 INSTR, TIME, PHOTO, OPT GOODS	1,226	352	874				
3812 MISC MANUFACTURED PRODUCTS	687	591	96				
4012 NONFERROUS METAL SCRAP	1,052	40	1,012				
4022 TEXTILE WASTE, SCRAP, SHEEP	9		9				
4023 PAPER WASTE AND SCRAP	170		170				
4112 COMMODITIES, NEC	2,462	692	1,810				
9999 DEPARTMENT OF DEFENSE AND DCI	19		19				

# NORFOLK, VA, DISTRICT

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JAMES RIVER BELOW RICHMOND, VA.  
(INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)

FREIGHT TRAFFIC, 1965

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE		
		IMPORTS	EXPORTS	THROUGH		SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND		UPBOUND	DOWNBOUND
TOTAL	946,540	46,121	305,027	178,774	101,707	71,714	140,392	22,005
0111 SOYBEANS	233		233					
0119 OILSEEDS, NEC	7,662		23		7,639			
0121 TOBACCO, LEAF	60,625		126	55,238	5,261			
0129 FIELD CROPS, NEC	89				89			
0133 COFFEE	52			2	50			
0134 COCOA BEANS	301			301				
0151 LIVE ANIMALS	1,530				1,530			
0161 ANIMALS AND PRODUCTS, NEC	390		28	279	91			
0841 CRUDE RUBBER AND ALLIED GUMS	2,178			2,178				
0841 FOREST PRODUCTS, NEC	822			742	80			
0911 FRESH FISH, EXCEPT SHELLFISH	482			482				
0912 SHELLFISH, EXCEPT PREPARED	2			2				
1091 NONFERROUS ORES, CONCENT, NEC	83			60	43			
1121 COAL AND LIGNITE	37				37			
1402 SAND, GRAVEL, CRUSHED ROCK	155				155			
1451 CLAY	49,505			49,505				
1471 PHOSPHATE ROCK	20				20			
1499 NONMETALLIC MINERALS, NEC	1,190				1,190			
1911 ORDNANCE AND ACCESSORIES	47			47				
2012 MEAT AND PRODUCTS, NEC	60			22	38			
2034 VEGETABLES AND PREP, NEC	145			145				
2039 PREP FRUIT AND VEG JUICE, NEC	1,674			1,674				
2049 GRAIN MILL PRODUCTS, NEC	21			7	14			
2081 ALCOHOLIC BEVERAGES	21,402			21,323	79			
2091 VEGETABLE OILS, NARG, SHORT	55				55			
2099 MISCELLANEOUS FOOD PRODUCTS	1,158			576	579			
2111 TOBACCO MANUFACTURES	13,582		846	932	11,814			
2211 BASIC TEXTILE PRODUCTS	4,160		83	1,251	4,024			
2212 TEXTILE FIBERS, NEC	2,633			2,633				
2311 APPAREL	394		14	11	369			
2421 LUMBER	1,780			1,101	679			
2431 VENEER, PLYWOOD, WORKED WOOD	114			90	15			
2491 WOOD MANUFACTURES, NEC	365			251	114			
2511 FURNITURE AND FIXTURES	699			696	3			
2611 PULP	1,009				1,009			
2631 PAPER AND PAPERBOARD	9,336			9,188	156			
2691 PULP AND PAPER PRODUCTS, NEC	143			87	56			
2711 PRINTED MATTER	76			69	7			
2811 CRUDE TAR, OIL, GAS PRODUCTS	827			827				
2812 DYES, PIGMENT, TANNING MATS	48				48			
2813 ALCOHOL	469			235	234			
2819 BASIC CHEMICALS AND PROD, NEC	92,590	46,121	1,078	11,756	28,285	5,350		
2921 PLASTIC MATERIALS	15,170		903	3,232	11,035			
2922 SYNTHETIC RUBBER	8,881		310	22	8,559			
2923 SYNTHETIC (MAN-MADE) FIBERS	1,043		38	72	1,733			
2931 DRUGS	1,289			258	1,031			
2941 SOAP	957		1	833	123			
2951 PAINTS	1,689			1,664	25			
2961 GUN AND WOOD CHEMICALS	73				73			
2971 NITROGENOUS CHEM FERTILIZERS	448,064		381,700		66,364			
2976 INSECTICIDES, DISINFECTANTS	4,143		16	87	4,080			
2979 FERTILIZER AND MATERIALS, NEC	8,163				8,163			
2991 MISCELLANEOUS CHEMICAL PROD	2,004		4	531	1,469			
2991 GASOLINE	10,182						7,816	2,366
2991 KEROSENE	2,289							2,289
2991 LUBRICATING OILS AND GREASES	509			14	495			
2991 ASPHALT, TAR, AND BITUMENS	141,743						132,576	9,167
2991 PETROLEUM AND COAL PROD, NEC	288			284	4			
3011 RUBBER AND MISC PLASTIC PROD	1,075		138	135	842			
3111 LEATHER AND LEATHER PRODUCTS	10			10				
3211 GLASS AND GLASS PRODUCTS	981		35	326	620			
3241 BUILDING CEMENT	5			5				
3251 STRUCTURAL CLAY PRODUCTS	2			2				
3281 CUT STONE AND STONE PRODUCTS	2				2			
3291 MISC NONMETALLIC MINERAL PROD	45			22	23			
3315 IRON, STEEL SHAPES, EXC SHEET	440			440				
3316 IRON AND STEEL PLATES, SHEETS	4		4					
3317 IRON AND STEEL PIPE AND TUBE	61				61			
3318 FERROALLOYS	787			21	766			
3319 IRON AND STEEL PRODUCTS, NEC	94			745	207			
3321 NONFERROUS METALS, NEC	64			64				
3322 COPPER ALLOYS, UNWORKED	231			191	40			
3323 LEAD AND ZINC, UNWORKED	76			76				
3324 ALUMINUM AND ALLOYS, UNWORKED	2,429			2,429				
3411 FABRICATED METAL PRODUCTS	1,954		17	1,365	574			
3511 MACHINERY, EXCEPT ELECTRICAL	2,083		4	1,930	541			
3611 ELECTRICAL MACH AND EQUIP	1,044		1	883	160			
3711 MOTOR VEHICLES, PARTS, EQUIP	354			169	185			
3731 SHIPS AND BOATS	50			50				
3791 MISC TRANSPORTATION EQUIPMENT	3				3			
3811 INSTR, TIME, PHOTO, OPT GOODS	1,325		99	352	874			
3911 MISC MANUFACTURED PRODUCTS	687			591	96			
4012 NONFERROUS METAL SCRAP	1,739		87	40	1,612			
4022 TEXTILE WASTE, SCRAP, SHEEP	9				9			
4024 PAPER WASTE AND SCRAP	170				170			
4112 COMMODITIES, NEC	2,501		39	652	1,810			
9999 DEPARTMENT OF DEFENSE AND SCI	19				19			

TON-MILES, OCEANGOING, 72,779,402.

## Waterborne Commerce of the United States, 1985

JAMES RIVER BELOW RICHMOND, VA.  
(INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND UPBOUND	OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
			UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	8,066,164	1,422,250	640,204	4,721,197	1,170	456,504	208,413	614,214
0011 FRESH FISH, EXCEPT SHELLFISH-----	1,037	-----	-----	244	608	-----	189	-----
0012 SHELLFISH, EXCEPT PREPARED-----	1,107	-----	-----	270	566	-----	271	-----
0031 MARINE SHELLS, UNMANUFACTURED-----	4,259	-----	-----	-----	-----	-----	4,259	-----
1402 SAND, GRAVEL, CRUSHED ROCK-----	6,722,870	1,173,247	640,204	4,452,915	-----	456,504	-----	-----
2019 BASIC CHEMICALS AND PROD, NEC-----	177,243	-----	-----	-----	-----	-----	-----	-----
2071 NITROGENOUS CHEM FERTILIZERS-----	267,521	-----	-----	267,521	-----	-----	-----	-----
2011 GASOLINE-----	351,408	-----	-----	-----	-----	-----	2,504	348,814
2013 KEROSENE-----	13,194	-----	-----	-----	-----	-----	2,067	11,127
2014 DISTILLATE FUEL OIL-----	155,019	13,484	-----	-----	-----	-----	23,401	117,594
2015 RESIDUAL FUEL OIL-----	349,504	57,050	-----	-----	-----	-----	166,456	124,998
2010 ASPHALT, TAR, AND PITCHES-----	15,321	-----	-----	-----	-----	-----	3,636	11,685
3511 MACHINERY, EXCEPT ELECTRICAL-----	161	134	-----	27	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	520	300	-----	220	-----	-----	-----	-----
TON-MILES, INTERNAL, 488,140,192,								
TONS, ALL TRAFFIC, 9,010,704,								
TON-MILES, ALL TRAFFIC, 560,919,594,								

PORT OF HOPEWELL, VA.  
(INCLUDED IN JAMES RIVER, VA., CONSOLIDATED REPORT)

SECTION INCLUDED: SOUTH SIDE OF JAMES RIVER, FROM CITY POINT, AT MOUTH OF APPOMATTOX RIVER, 2.0 MILES DOWNSTREAM TO THE MOUTH OF BAILEYS CREEK. CONTROLLING DEPTH: 25.0 FEET AT MEAN LOW WATER. PROJECT DEPTH: 35 FEET, MAINTAINED TO 25 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	1,491,251	1981-----	1,015,424
1977-----	1,111,457	1982-----	824,010
1978-----	1,286,597	1983-----	1,194,690
1979-----	1,189,425	1984-----	1,105,516
1980-----	1,265,520	1985-----	1,037,048

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE SHIPMENTS	INTERNAL	
					RECEIPTS	SHIPMENTS
TOTAL-----	1,037,048	46,121	385,427	71,914	265,865	267,521
0111 SOYBEANS-----	233	-----	233	-----	-----	-----
0119 OILSEEDS, NEC-----	23	-----	23	-----	-----	-----
0121 TOBACCO, LEAF-----	126	-----	126	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	20	-----	20	-----	-----	-----
1402 SAND, GRAVEL, CRUSHED ROCK-----	37,699	-----	-----	-----	37,699	-----
2111 TOBACCO MANUFACTURES-----	846	-----	846	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	83	-----	83	-----	-----	-----
2311 APPAREL-----	14	-----	14	-----	-----	-----
2019 BASIC CHEMICALS AND PROD, NEC-----	229,792	46,121	1,078	3,350	177,843	-----
2021 PLASTIC MATERIALS-----	903	-----	903	-----	-----	-----
2022 SYNTHETIC RUBBER-----	310	-----	310	-----	-----	-----
2023 SYNTHETIC (MAN-MADE) FIBERS-----	30	-----	30	-----	-----	-----
2041 SOAP-----	1	-----	1	-----	-----	-----
2071 NITROGENOUS CHEM FERTILIZERS-----	715,585	-----	381,700	66,340	-----	267,521
2076 INSECTICIDES, DISINFECTANTS-----	16	-----	16	-----	-----	-----
2091 MISCELLANEOUS CHEMICAL PROD-----	4	-----	4	-----	-----	-----
2015 RESIDUAL FUEL OIL-----	50,923	-----	-----	-----	50,923	-----
3011 RUBBER AND MISC PLASTIC PROD-----	130	-----	130	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	35	-----	35	-----	-----	-----
3310 IRON AND STEEL PLATES, SHEETS-----	4	-----	4	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	17	-----	17	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	4	-----	4	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	1	-----	1	-----	-----	-----
3011 INSTR, TIME, PHOTO, OPT GOODS-----	90	-----	90	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	87	-----	87	-----	-----	-----
4112 COMMODITIES, NEC-----	30	-----	30	-----	-----	-----



# NORFOLK, VA, DISTRICT

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## LITTLE RIVER (CREEK), VA.

SECTION INCLUDED: FROM THE 22-FOOT CONTOUR IN CHESAPEAKE BAY TO THE PENNSYLVANIA R. R. TERMINALS IN VIRGINIA BEACH, VA., A DISTANCE OF ABOUT 4.0 MILES, AND INCLUDING A BASIN AT THE TERMINALS 22 FEET DEEP, 400 FEET TO 1,200 FEET WIDE AND 1,160 FEET LONG, CONTROLLING DEPTH: 21.5 FEET AT MEAN LOW WATER. PROJECT DEPTH: 22 FEET AT MEAN LOW WATER.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC RAILROAD FREIGHT CARS			
			RECEIPTS		SHIPMENTS	
			EMPTY	LOADED	EMPTY	LOADED
1976	283,657	446	5,875	8,388	8,818	6,371
1977	284,041	7,100	4,234	2,085	1,151	6,664
1978	266,757	40	2,646	5,013	3,271	4,130
1979	262,921		3,664	2,718	1,776	4,785
1980	246,319		6,053	1,654	875	6,631
1981	228,757		5,323	1,548	1,072	5,316
1982	206,667	1,200	4,814	1,015	627	5,982
1983	244,133		6,553	870	1,067	7,222
1984	297,549		6,719	1,342	1,060	8,341
1985	275,667		7,827	1,334	906	9,832

### FREIGHT TRAFFIC, 1985

#### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	
		RECEIPTS	INBOUND	OUTBOUND
TOTAL	275,667	5,000	267,102	3,525
0911 FRESH FISH, EXCEPT SHELLFISH	356		356	
0912 SHELLFISH, EXCEPT PREPARED	215		215	
1442 SAND, GRAVEL, CRUSHED ROCK	237,729		237,729	
2914 DISTILLATE FUEL OIL	32,327		28,002	3,525
3411 FABRICATED METAL PRODUCTS	210	210		
3731 SHIPS AND BOATS	4,830	4,830		
TOTAL TON-MILES	275,667			

## HAMPTON CREEK, VA.

SECTION INCLUDED: FROM THE CHANNEL ENTRANCE NEAR OLD POINT, VA., ACROSS HAMPTON BAR FLATS AND UP HAMPTON CREEK TO THE QUEEN STREET BRIDGE, A DISTANCE OF APPROXIMATELY 2.8 MILES. CONTROLLING DEPTH: 11.2 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER. PROJECT LENGTH: 2.8 MILES.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	293,710		1981	350,558	
1977	298,078		1982	363,370	
1978	338,544		1983	618,344	
1979	347,739		1984	597,009	
1980	433,602		1985	631,783	

### FREIGHT TRAFFIC, 1985

#### DOMESTIC

(SHORT TONS)

COMMODITY		INTERNAL
		INBOUND
TOTAL		631,783
0911 FRESH FISH, EXCEPT SHELLFISH		78
0912 SHELLFISH, EXCEPT PREPARED		679
1442 SAND, GRAVEL, CRUSHED ROCK		497,968
2911 GASOLINE		260
2914 DISTILLATE FUEL OIL		22,778
TOTAL TON-MILES	1,488,576	

## APPOMATTON RIVER, VA.

SECTION INCLUDED: FROM MOUTH TO PETERSBURG, VIRGINIA, 11.0 MILES. CONTROLLING DEPTH: FROM THE MOUTH TO MILE POINT 7.0, 6 FEET; THENCE TO MILE POINT 0.5, 2.0 FEET; THENCE TO MILE POINT 11.0, 1.0 FEET. PROJECT DEPTH: 10 FEET. UNTIL THE VESSEL TRAFFIC INDICATES THE NEED FOR A CHANGE, THE 60 FOOT WIDE CHANNEL BETWEEN PUDDLEDOK AND THE SMALL BOAT HARBOR WILL BE MAINTAINED TO A DEPTH OF 6 FEET. THE CHANNEL UPSTREAM OF THE SMALL BOAT HARBOR IS NOT BEING MAINTAINED.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	270,900	1981-----	855,031
1977-----	610,405	1982-----	852,146
1978-----	870,244	1983-----	1,150,217
1979-----	761,269	1984-----	1,217,186
1980-----	1,153,366	1985-----	1,214,848

## FREIGHT TRAFFIC, 1985

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	1,214,848	41,601	1,173,247
1402 SAND, GRAVEL, CRUSHED ROCK-----	1,173,247		1,173,247
2015 RESIDUAL FUEL OIL-----	41,601	41,601	
TOTAL TON-MILES, 10,642,425.			

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT)  
DISMAL SWAMP AND PASQUOTANK RIVER

SECTION INCLUDED: NORFOLK, VA., TO MOUTH OF PASQUOTANK RIVER, N.C. CONTROLLING DEPTHS: IN DEEP CREEK, VA., 6.9 FEET; DISMAL SWAMP CANAL 6.0 FEET; TURNERS CUT, N.C., 9.0 FEET; AND PASQUOTANK RIVER, N. C., 9.4 FEET AT MEAN LOW WATER. PROJECT DEPTHS: DEEP CREEK, VA., 10 FEET; DISMAL SWAMP CANAL, 9 FEET; TURNERS CUT, N. C., 10 FEET; AND PASQUOTANK RIVER, N. C., 10 FEET AT MEAN LOW WATER. PROJECT LENGTH: 66 MILES, MAINTAINED TO 6 FEET DEEP.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	193,527	1981-----	293,263
1977-----	140,300	1982-----	247,723
1978-----	244,407	1983-----	239,180
1979-----	258,346	1984-----	281,952
1980-----	230,295	1985-----	270,648

## FREIGHT TRAFFIC, 1985

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND NORTHBOUND	INBOUND SOUTHBOUND	OUTBOUND SOUTHBOUND	THROUGH SOUTHBOUND
TOTAL-----	270,648	855	252	197,748	71,793
0103 CORN-----	59,294			59,294	
0107 WHEAT-----	23,202			23,202	
0111 SOYBEANS-----	36,092			36,092	
0011 FRESH FISH, EXCEPT SHELLFISH-----	69			69	
0012 SHELLFISH, EXCEPT PREPARED-----	183			183	
1400 NONMETALLIC MINERALS, NEC-----	855	855			
2015 PULPWOOD, LOGS-----	79,160			79,160	
2016 WOOD CHIPS, STAVES, HOLDINGS-----	71,793				71,793
TOTAL TON-MILES, 5,713,289.					

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) VIA  
GREAT BRIDGE LOCK ROUTE

SECTION INCLUDES: NORFOLK, VA., NORTH CAROLINA LINE. CONTROLLING DEPTH: 12.0 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER. PROJECT LENGTH: 33.0 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	1,576,202	140	1981-----	1,437,045	560
1977-----	1,228,332	630	1982-----	1,130,390	600
1978-----	1,349,239	226	1983-----	1,206,067	320
1979-----	1,313,137	252	1984-----	1,305,262	91
1980-----	1,316,022	602	1985-----	1,310,795	331

# NORFOLK, VA, DISTRICT

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ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) VIA  
GREAT BRIDGE LOCK ROUTE--CONTINUED

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	FRONTIER		INTERNAL			
		THROUGH		OUTBOUND	THROUGH	INBOUND	THROUGH
		NORTHBOUND	SOUTHBOUND				
TOTAL-----	1,318,792	3,552	200	190	381,629	787,210	146,911
0103 CORN-----	68,804				68,804		
0107 WHEAT-----	23,202				23,202		
0111 SOYBEANS-----	36,492				36,492		
0133 COFFEE-----	1,176						1,176
0911 FRESH FISH, EXCEPT SHELLFISH-----	100			119	69		
0912 SHELLFISH, EXCEPT PREPARED-----	254			71	183		
1001 NONFERROUS ORES, CONCENT, NEC-----	30,807						30,807
1402 SAND, GRAVEL, CRUSHED ROCK-----	587,560					587,560	
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,384						1,384
2211 BASIC TEXTILE PRODUCTS-----	1,200						1,200
2616 WOOD CHIPS, STAVES, HOLDINGS-----	71,793				71,793		
2611 PULP-----	68,959				68,959		
2631 PAPER AND PAPERBOARD-----	30,908				30,908		
2671 NITROGENOUS CHEM FERTILIZERS-----	2,700						1,500
2673 PHOSPHATIC CHEM FERTILIZERS-----	3,600					3,600	
2679 FERTILIZER AND MATERIALS, NEC-----	38,503				38,503		
2911 GASOLINE-----	2,508						2,508
2912 JET FUEL-----	199,650					199,650	
2914 DISTILLATE FUEL OIL-----	141						141
2915 RESIDUAL FUEL OIL-----	10,947						10,947
2918 ASPHALT, TAR, AND PITCHES-----	2,909				2,909		
2920 COKE, PETROLEUM COKE-----	9,271						9,271
3312 SLAG-----	6,704						6,704
3315 IRON, STEEL SHAPES, ETC SHEET-----	81,596				30,684		50,912
3317 IRON AND STEEL PIPE AND TUBE-----	1,000				1,000		
3318 FERROALLOYS-----	2,001				2,001		
3411 FABRICATED METAL PRODUCTS-----	760						200
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,251	560	200		560		2,829
3611 ELECTRICAL MACH AND EQUIP-----	500				300		200
3731 SHIPS AND BOATS-----	207		100				27
3791 MISC TRANSPORTATION EQUIPMENT-----	950		950				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	92				92		
4011 IRON AND STEEL SCRAP-----	14,050						14,050
4112 COMMODITIES, NEC-----	3,035						3,035
TOTAL TON-MILES, 20,080,674.							

BLACKWATER RIVER, VA.

SECTION INCLUDED: MOUTH OF RIVER TO FRANKLIN, VA., 13.1 MILES VIA TWO CUTOFFS, CONTROLLING DEPTH: 7 FEET AT MEAN LOW WATER, PROJECT DEPTH: 12 FEET AT MEAN LOW WATER, ALSO INCLUDES A TURNING BASIN OF 3.2 ACRES AT FRANKLIN, VA.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	265,078	1981-----	284,261
1977-----	254,536	1982-----	278,860
1978-----	317,013	1983-----	274,069
1979-----	301,590	1984-----	274,913
1980-----	270,812	1985-----	283,691

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL
2615 PULPHOOD, LOG-----	283,691
TOTAL TON-MILES, 3,687,983.	

YORK RIVER, VA.

SECTION INCLUDED: FROM THE MOUTH TO WEST POINT, VA., A DISTANCE OF 33.75 MILES, INCLUDING THE WESTERN SHORELINE OF THE TOWN OF WEST POINT AND A DIKE ON THE TOWN'S RIGHT BANK, CONTROLLING DEPTH: 16.9 FEET TO WEST POINT, 33 MILES ABOVE THE MOUTH, PROJECT DEPTHS 28 FEET AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	9,639,500	2,000	1981-----	9,540,714	2,000
1977-----	9,794,874	1,727	1982-----	9,777,714	2,199
1978-----	9,632,699	820	1983-----	9,317,731	1,700
1979-----	7,891,200	1,745	1984-----	9,949,336	999
1980-----	7,278,680	2,432	1985-----	9,132,327	900

YORK RIVER, VA.--CONTINUED

FREIGHT TRAFFIC, 1985

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL-----	2,955,764	2,916,565	39,199
1121 COAL AND LIGNITE-----	10,111	-----	10,111
1311 CRUDE PETROLEUM-----	2,721,389	2,721,389	-----
2211 BASIC TEXTILE PRODUCTS-----	7	7	-----
2611 PULP-----	29,087	-----	29,087
2817 BENZENE AND TOLUENE-----	5,640	5,640	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	169,455	169,455	-----
3411 FABRICATED METAL PRODUCTS-----	74	74	-----
TON-MILES, FOREIGN, 23,646,104.			

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL				THROUGH	
		RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND	DOWNBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL-----	2,177,564	101,483	990,317	530,986	304	463,514	370	1,056	109,565
0102 BARLEY AND RYE-----	6,445	-----	-----	-----	-----	-----	-----	-----	6,445
0103 CORN-----	61,872	-----	-----	-----	-----	-----	-----	-----	61,872
0107 WHEAT-----	7,734	-----	-----	-----	-----	-----	-----	-----	7,734
0111 SOYBEANS-----	33,514	-----	-----	-----	-----	-----	-----	-----	33,514
0911 FRESH FISH, EXCEPT SHELLFISH-----	446	-----	-----	40	55	351	40	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	2,452	-----	-----	339	249	1,924	340	-----	-----
1311 CRUDE PETROLEUM-----	104,458	-----	-----	104,458	-----	-----	-----	-----	-----
2411 LOGS-----	18,025	-----	-----	-----	-----	18,025	-----	-----	-----
2415 PULPHOOD, LOGS-----	52,197	-----	-----	52,197	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	249,282	-----	-----	249,282	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	9,643	4,134	-----	2,763	-----	2,786	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	1,056	-----	-----	-----	-----	-----	-----	1,056	-----
2911 GASOLINE-----	844,631	-----	797,841	-----	-----	87,190	-----	-----	-----
2912 JET FUEL-----	254,057	47,796	-----	36,048	-----	170,213	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	245,004	-----	167,004	474	-----	54,622	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	279,293	49,551	4,964	79,401	-----	145,371	-----	-----	-----
2916 LUBRICATING OILS AND GREASES-----	304	-----	-----	304	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	6,381	-----	-----	6,381	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	250	-----	-----	200	-----	50	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	60	-----	-----	60	-----	-----	-----	-----	-----
TON-MILES, DOMESTIC, 23,967,406.									

TONS, ALL TRAFFIC, 5,133,327.

TON-MILES, ALL TRAFFIC, 47,633,910.

## NORFOLK, VA, DISTRICT

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## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS WILED	PASSENGERS
PROJECT				
ABERDEEN CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	110	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	498	-----	-----
	TOTAL-----	608	608	-----
BEACH CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	106	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	76	-----	-----
	TOTAL-----	182	182	-----
BROAD CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	7	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	12	-----	-----
	TOTAL-----	19	19	-----
CAPE CHARLES CITY HARBOR, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	200	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	779	-----	-----
	1442 SAND, GRAVEL, CRUSHED ROCK-----	91,412	-----	-----
	3291 MISC NONMETALLIC MINERAL PROD-----	10,880	-----	-----
	TOTAL-----	63,231	100,693	2,280
CARTERS CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	106	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	76	-----	-----
	TOTAL-----	182	182	-----
CHANNEL CONNECTING YORK RIVER, VA., WITH BACK CREEK TO SLAIGHTS WHARF, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	234	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	2,037	-----	-----
	TOTAL-----	2,271	4,542	-----
CHANNEL FROM PHOENIX, VA. TO DEEP WATER IN HAMPTON ROADS, VA.,	NO COMMERCE REPORTED			
CHESCONESSEY CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	56	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	348	-----	-----
	TOTAL-----	404	1,212	-----
CHINCOTEAGUE BAY, MD. AND VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	84	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	1,522	-----	-----
	TOTAL-----	1,606	15,040	-----
CHINCOTEAGUE HARBOR OF REFUGE, VA.,-----	NO COMMERCE REPORTED			
CRANES CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	347	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	384	-----	-----
	TOTAL-----	731	731	-----
DAVIS CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	85	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	336	-----	-----
	TOTAL-----	421	421	-----
DEEP CREEK, ACCOMACK COUNTY, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	56	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	348	-----	-----
	TOTAL-----	404	1,077	-----
DEEP CREEK, NEWPORT NEWS, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	379	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	541	-----	-----
	TOTAL-----	920	1,840	-----
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION---	0911 FRESH FISH, EXCEPT SHELLFISH-----	942	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	19,573	-----	-----
	TOTAL-----	40,515	2,213,931	5,760
DYMERS CREEK, VA.,-----	NO COMMERCE REPORTED			
GREENVALE CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	106	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	76	-----	-----
	TOTAL-----	182	182	-----
HORN HARBOR, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	85	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	336	-----	-----
	TOTAL-----	421	1,263	-----
HOBKINS CREEK, VA.,-----	0102 BARLEY AND RYE-----	1,000	-----	-----
	0103 CORN-----	1,500	-----	-----
	0107 WHEAT-----	5,117	-----	-----
	0111 SOYBEANS-----	1,400	-----	-----
	0911 FRESH FISH, EXCEPT SHELLFISH-----	8	-----	-----
	TOTAL-----	9,021	9,021	-----
JACKSON CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	7	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	12	-----	-----
	TOTAL-----	19	19	4,016
KINGS CREEK, NORTHAMPTON COUNTY, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	11	-----	-----

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
KING CREEK, NORTHAMPTON COUNTY, VA. (CONTINUED)-----	0912 SHELLFISH, EXCEPT PREPARED-----	508		
	TOTAL-----	519	519	189
LAFAYETTE RIVER, VA.-----	NO COMMERCE REPORTED			
LITTLE MACHIPONGO RIVER, VA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	11		
	0912 SHELLFISH, EXCEPT PREPARED-----	508		
	TOTAL-----	519	778	
LOCKLIES CREEK, VA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	7		
	0912 SHELLFISH, EXCEPT PREPARED-----	12		
	TOTAL-----	19	29	7,588
LYNHAVEN ROAD, INLET, AND CONNECTING WATERS, VA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	179		
	0912 SHELLFISH, EXCEPT PREPARED-----	154		
	2914 DISTILLATE FUEL OIL-----	2,083		
	2916 LUBRICATING OILS AND GREASES-----	137		
	4111 WATER-----	500		
	TOTAL-----	3,053	3,917	
MATTAPONI RIVER, VA.-----	NO COMMERCE REPORTED			
MEMPHIS RIVER, N. C.-----	NO COMMERCE REPORTED			
MILFORD HAVEN, VA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	85		
	0912 SHELLFISH, EXCEPT PREPARED-----	334		
	0931 MARINE SHELLS, UNMANUFACTURED-----	2,663		
	TOTAL-----	2,684	2,684	
MILL CREEK, VA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	7		
	0912 SHELLFISH, EXCEPT PREPARED-----	12		
	TOTAL-----	19	19	
MULBERRY CREEK, VA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	106		
	0912 SHELLFISH, EXCEPT PREPARED-----	76		
	TOTAL-----	182	182	
NANOVA CREEK, VA.-----	NO COMMERCE REPORTED			
NANSEMOND RIVER, VA.-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	93,146	1,583,482	
NEEDHAMMOCK CREEK, VA.-----	NO COMMERCE REPORTED			
NEANCOCK RIVER, VA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	56		
	0912 SHELLFISH, EXCEPT PREPARED-----	348		
	0931 MARINE SHELLS, UNMANUFACTURED-----	9,918		
	2911 GASOLINE-----	8,600		
	2913 KEROSENE-----	553		
	2914 DISTILLATE FUEL OIL-----	11,984		
	TOTAL-----	31,859	130,314	7,000
NOYTER CHANNEL, VA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	25		
	0912 SHELLFISH, EXCEPT PREPARED-----	577		
	TOTAL-----	600	600	
PAGAN RIVER, VA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	27	81	
PANUNKEY RIVER, VA.-----	0102 BARLEY AND RYE-----	6,485		
	0103 CORN-----	61,872		
	0107 WHEAT-----	7,734		
	0111 SOYBEANS-----	33,518		
	2871 NITROGENOUS CHEM FERTILIZERS-----	1,056		
	TOTAL-----	110,621	221,242	
PARKER CREEK, VA.-----	NO COMMERCE REPORTED			
PARROTTS CREEK, VA.-----	NO COMMERCE REPORTED			
QUEENS CREEK, VA.-----	NO COMMERCE REPORTED			
QUINBY CREEK, VA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	56		
	0912 SHELLFISH, EXCEPT PREPARED-----	348		
	TOTAL-----	404	404	1,660
RAPPANHAMMOCK RIVER, VA.-----	0102 BARLEY AND RYE-----	1,066		
	0103 CORN-----	1,300		
	0107 WHEAT-----	5,117		
	0111 SOYBEANS-----	1,400		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,381		
	0912 SHELLFISH, EXCEPT PREPARED-----	685		
	0931 MARINE SHELLS, UNMANUFACTURED-----	2,980		
	2915 PULPWOOD, LOG-----	10,721		
	TOTAL-----	32,912	1,000,902	7,584
STARLINGS CREEK, VA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	56		
	0912 SHELLFISH, EXCEPT PREPARED-----	348		
	TOTAL-----	404	404	

# NORFOLK, VA, DISTRICT

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## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
TANGIER CHANNEL, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	56	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	548	-----	-----
	2911 SADDLINE-----	256	-----	-----
	2914 DISTILLATE FUEL OIL-----	2,345	-----	-----
	TOTAL-----	3,005	3,005	51,744
TOTUSKEY CREEK, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	10	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	11	-----	-----
	2415 PULPHOOD, LOG-----	10,721	-----	-----
	TOTAL-----	10,746	93,730	-----
TYLERS BEACH, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	27	27	-----
URBANNA CREEK, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	7	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	12	-----	-----
	TOTAL-----	19	19	-----
WILLOUGHBY CHANNEL, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	356	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	215	-----	-----
	TOTAL-----	571	1,142	-----
WINTER HARBOR, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	85	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	336	-----	-----
	TOTAL-----	421	421	-----
WISNART POINT CHANNEL, VA,-----	NO COMMERCE REPORTED			

## WILMINGTON, NC, DISTRICT

CHOWAN RIVER, N. C.

SECTION INCLUDED: FROM THE MOUTH AT EDENTON, N. C. TO THE CONFLUENCE OF THE WHEMERRIN RIVER, ABOUT 82 MILES. CONTROLLING DEPTH: 11 FEET. PROJECT DEPTH: 12 FEET DEEP, 80 FEET WIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	267,727	1981-----	286,675
1977-----	257,569	1982-----	282,536
1978-----	320,171	1983-----	276,801
1979-----	303,196	1984-----	276,926
1980-----	273,229	1985-----	284,196

## FREIGHT TRAFFIC, 1985

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		OUTBOUND	DOWNBOUND	THROUGH UPBOUND
TOTAL-----	284,196	41,631	337	242,228
0911 FRESH FISH, EXCEPT SHELLFISH-----	504	168	336	-----
0912 SHELLFISH, EXCEPT PREPARED-----	1	-----	1	-----
2415 PULPHOOD, LOG-----	283,691	41,463	-----	242,228
TOTAL TON-MILES, 13,224,539.				

PAMLICO AND TAR RIVERS, N. C.

SECTION INCLUDED: FROM 14 MILES BELOW WASHINGTON ON PAMLICO RIVER, TO LITTLE FALLS, 83 MILES ABOVE WASHINGTON ON TAR RIVER, A TOTAL DISTANCE OF 97 MILES. CONTROLLING DEPTH: 10.3 FEET TO WASHINGTON, 8.0 FEET FROM WASHINGTON TO HARDEE CREEK; BRANCH CHANNELS RANGE FROM 1 TO 6 FEET. PROJECT DEPTH: 12 FEET TO HARDEE CREEK, 6 FEET TO GREENVILLE, AND 20 INCHES TO TARBORO, THENCE TO CLFAR NATURAL CHANNEL ABOVE TARBORO TO LITTLE FALLS. ALL AT MEAN LOW WATER. NAVIGATION SEASON: NAVIGABLE TO GREENVILLE THE ENTIRE YEAR; ABOVE GREENVILLE DURING FRESHET STAGES, WHICH PREVAIL FOR 4 TO 6 MONTHS DURING THE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	772,663	1981-----	1,293,610
1977-----	1,172,028	1982-----	1,457,850
1978-----	1,249,758	1983-----	1,693,741
1979-----	1,321,381	1984-----	1,450,794
1980-----	846,583	1985-----	1,181,058

## FREIGHT TRAFFIC, 1985

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	THROUGH UPBOUND
TOTAL-----	1,181,058	196,240	982,303	2,171
0911 FRESH FISH, EXCEPT SHELLFISH-----	339	-----	-----	333
0912 SHELLFISH, EXCEPT PREPARED-----	2,096	-----	-----	1,838
1403 SULPHUR, LIQUID-----	170,500	170,500	-----	-----
2810 BASIC CHEMICALS AND PROD, NEC-----	89,889	-----	89,889	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	1,200	-----	1,200	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	3,600	-----	3,600	-----
2879 FERTILIZER AND MATERIALS, NEC-----	888,583	-----	888,583	-----
2915 RESIDUAL FUEL OIL-----	25,740	25,740	-----	-----
TOTAL TON-MILES, 29,525,189.				

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)

SECTION INCLUDED: ATLANTIC INTRACOASTAL WATERWAY, VIRGINIA STATE LINE TO SOUTH CAROLINA STATE LINE, INCLUDING WATERWAY TO JACKSONVILLE, N. C. CONTROLLING DEPTH: 9 FEET THROUGH THE WATERWAY AND 09 FEET TO JACKSONVILLE, N. C. PROJECT DEPTH: 12 FEET, ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	2,973,015	153,944	1981-----	2,751,975	15,514
1977-----	3,343,634	62,883	1982-----	2,200,716	65,379
1978-----	3,620,049	77,342	1983-----	2,500,306	49,699
1979-----	3,719,199	20,310	1984-----	2,163,196	28,682
1980-----	2,663,366	33,886	1985-----	1,751,279	49,474



# WILMINGTON, NC, DISTRICT

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ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)--CONTINUED

FREIGHT TRAFFIC, 1985

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC	
		NORTHBOUND	SOUTHBOUND
TOTAL-----	3,752	3,992	200
3411 FABRICATED METAL PRODUCTS-----	560	560	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,062	1,802	260
3731 SHIPS AND BOATS-----	100	100	-----
3701 MISC TRANSPORTATION EQUIPMENT-----	950	950	-----
TON-MILES, OCEANGOING, 1,155,616,			

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND NORTHBOUND	OUTBOUND NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND	INBOUND SOUTHBOUND	OUTBOUND SOUTHBOUND	THROUGH SOUTHBOUND
TOTAL-----	1,747,527	421	3,474	11,610	581,593	1,127	3,365	1,796	1,144,003
0103 CORN-----	60,094	-----	-----	8,400	60,494	-----	-----	-----	-----
0107 WHEAT-----	23,202	-----	-----	-----	23,202	-----	-----	-----	-----
0111 SOYBEANS-----	36,092	-----	-----	-----	36,092	-----	-----	-----	-----
0133 COFFEE-----	1,176	-----	-----	-----	-----	-----	-----	-----	1,176
0911 FRESH FISH, EXCEPT SHELLFISH-----	8,839	95	785	-----	1,600	210	2,600	104	3,275
0912 SHELLFISH, EXCEPT PREPARED-----	11,748	326	2,669	-----	5,165	917	503	412	1,736
1001 NONFERROUS ORES, CONCENT, NEC-----	38,487	-----	-----	-----	-----	-----	-----	-----	38,487
1403 SULPHUR, LIQUID-----	170,500	-----	-----	-----	170,500	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	3,896	-----	-----	710	3,186	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	3,028	-----	-----	-----	-----	-----	-----	-----	3,028
2000 MISCELLANEOUS FOOD PRODUCTS-----	1,598	-----	-----	-----	-----	-----	-----	-----	1,598
2211 BASIC TEXTILE PRODUCTS-----	3,944	-----	-----	-----	-----	-----	-----	-----	3,944
2416 WOOD CHIPS, STAVES, MOLDINGS-----	71,793	-----	-----	-----	71,793	-----	-----	-----	-----
2611 PULP-----	68,959	-----	-----	-----	68,959	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	30,908	-----	-----	-----	30,908	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	89,000	-----	-----	-----	-----	-----	-----	-----	89,000
2871 NITROGENOUS CHEM FERTILIZERS-----	14,400	-----	-----	-----	11,700	-----	1,200	-----	1,500
2873 PHOSPHATIC CHEM FERTILIZERS-----	3,600	-----	-----	-----	2,400	-----	-----	-----	1,200
2879 FERTILIZER AND MATERIALS, NEC-----	888,593	-----	-----	-----	16,956	-----	-----	-----	871,627
2911 GASOLINE-----	2,508	-----	-----	-----	-----	-----	-----	-----	2,508
2914 DISTILLATE FUEL OIL-----	141	-----	-----	-----	-----	-----	-----	-----	141
2915 RESIDUAL FUEL OIL-----	61,093	-----	-----	1,900	20,977	-----	-----	-----	30,616
2918 ASPHALT, TAR, AND BITUMENS-----	2,909	-----	-----	-----	2,909	-----	-----	-----	-----
3000 COKE, PETROLEUM COKE-----	9,271	-----	-----	-----	-----	-----	-----	-----	9,271
3312 SLAG-----	6,708	-----	-----	-----	-----	-----	-----	-----	6,708
3315 IRON, STEEL SHAPES, EXC SHEET-----	90,577	-----	-----	-----	39,665	-----	-----	-----	50,912
3317 IRON AND STEEL PIPE AND TUBE-----	1,000	-----	-----	1,000	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	2,801	-----	-----	-----	2,801	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	200	-----	-----	-----	-----	-----	-----	-----	200
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,189	-----	-----	200	160	-----	200	-----	2,629
3611 ELECTRICAL MACH AND EQUIP-----	540	-----	-----	-----	300	-----	-----	-----	240
3731 SHIPS AND BOATS-----	27	-----	-----	-----	-----	-----	-----	-----	27
3811 INSTR, TIME, PHOTO, OPT GOODS-----	92	-----	-----	-----	92	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	23,623	-----	-----	-----	3,644	-----	-----	-----	19,979
4112 COMMODITIES, NEC-----	3,819	-----	-----	-----	-----	-----	-----	-----	3,819
TON-MILES, INTERNAL, 159,988,431,									
TONS, ALL TRAFFIC, 1,751,279,									
TON-MILES, ALL TRAFFIC, 161,144,067,									

MOREHEAD CITY HARBOR, N. C.

SECTION INCLUDED: MOREHEAD CITY HARBOR, N. C. CONTROLLING DEPTH: 40.0 FEET FROM THE OCEAN TO THE MARINE TERMINALS; OTHER CHANNELS RANGE FROM 6.5 TO 12.0 FEET. PROJECT DEPTH: 42 FEET DEEP 450 FEET WIDE ACROSS BAR CHANNEL; A CUTOFF CHANNEL, 40 FEET DEEP AND 600 FEET WIDE, AN INNER HARBOR CHANNEL 40 FEET DEEP AND 400 FEET WIDE; AND A DEPTH OF 40 FEET IN THE EAST LEG OF THE TURNING BASIN, INCLUDING A 1,200-FOOT DIAMETER TURNING AREA; 35 FEET IN THE WEST LEG OF THE TURNING BASIN AND 12 FEET FROM THE TURNING BASIN TO 10TH STREET, MOREHEAD CITY, AND 6 FEET TO BOGUE SOUND, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1976-----	2,503,675	30,852	14,534	1981-----	3,600,050	12,500	143,901
1977-----	2,874,026	22,500	29,887	1982-----	3,690,201	21,500	40,915
1978-----	3,343,434	60,400	18,991	1983-----	4,233,292	20,642	24,015
1979-----	3,368,907	16,600	40,699	1984-----	4,155,241	18,170	34,330
1980-----	3,810,777	110	40,919	1985-----	3,605,320	15,036	21,003

## Waterborne Commerce of the United States, 1985

MOREHEAD CITY HARBOR, N. C.--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INLAND		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	3,605,320	320,660	1,740,770	234,200	15,051	942,582	206,740	134,500
0121 TOBACCO, LEAF	39,653	16,995	22,658					
0911 FRESH FISH, EXCEPT SHELLFISH	207					207		
0912 SHELLFISH, EXCEPT PREPARED	50					50		
1121 COAL AND LIGNITE	107,906		107,906					
1471 PHOSPHATE ROCK	1,115,450		1,115,450					
1479 NATURAL FERTILIZER MATS, NEC	1,579	1,579						
1491 SALT	24,379	24,379						
1493 SULPHUR, LIQUID	303,360			132,864			170,500	
2042 ANIMAL FEEDS	46,726	46,726						
2211 BASIC TEXTILE PRODUCTS	4	4						
2411 LOSS	21,750		21,750					
2421 LUMBER	5,234	4,675	559					
2431 VENEER, PLYWOOD, WORKED WOOD	7,509	7,509						
2511 FURNITURE AND FIXTURES	1							
2611 PULP	2,005		2,005					
2631 PAPER AND PAPERBOARD	27,690	7,964	29,654					
3019 BASIC CHEMICALS AND PROD, NEC	129,981	20,923	12,958			89,000		
3071 NITROGENOUS CHEM FERTILIZERS	20,943	18,943					10,500	
3072 POTASSIC CHEM FERTILIZERS	69,487	56,830	12,657					
3073 PHOSPHATIC CHEM FERTILIZERS	391,933		253,433					134,500
3079 FERTILIZER AND MATERIALS, NEC	1,031,427		165,974		15,051	850,000		
3091 MISCELLANEOUS CHEMICAL PROD	34		34					
3912 JET FUEL	82,534			82,534				
3915 RESIDUAL FUEL OIL	70,207	29,734		11,572		3,237	25,740	
3918 ASPHALT, TAR, AND PITCHES	96,635	89,302		7,243				
3315 IRON, STEEL SHAPES, EXC SHEET	192	192						
3411 FABRICATED METAL PRODUCTS	77	73	4					
3511 MACHINERY, EXCEPT ELECTRICAL	1,140	1,137	3					
3611 ELECTRICAL MACH AND EQUIP	78		78					
3811 INSTR, TIME, PHOTO, OPT GOODS	1		1					
9999 DEPARTMENT OF DEFENSE AND SCI	2,890		2,890					
TOTAL TON-MILES,	13,697,406.							

PORT OF WILMINGTON, N. C.  
(SEE ALSO WILMINGTON HARBOR, N. C., FOR WATERWAY DATA)

SECTION INCLUDED: BOTH BANKS OF THE CAPE FEAR RIVER EXTENDING FROM A POINT ABOUT 10 MILES BELOW THE FOOT OF CASTLE STREET IN WILMINGTON TO A POINT ABOUT 2 MILES ABOVE THE RAILROAD BRIDGE AT NAVASSA, AND BOTH BANKS OF NORTHEAST (CAPE FEAR) RIVER FROM ITS MOUTH TO A POINT ABOUT 1.67 MILES ABOVE THE MILTON RAILROAD BRIDGE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1974	7,950,333	110,163	1981	7,873,616	127,179
1977	9,506,453	96,440	1982	5,461,499	129,883
1978	9,212,517	109,431	1983	5,731,788	144,051
1979	9,576,644	141,754	1984	5,535,345	153,994
1980	7,826,400	147,145	1985	5,395,961	175,971

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		INTERNAL	
		IMPORTS	EXPORTS	COASTWISE		RECEIPTS	SHIPMENTS
				RECEIPTS	SHIPMENTS		
TOTAL	5,395,961	2,135,690	600,025	2,005,200	20,000	21,174	400,075
0101 COTTON, RAW	4,559		4,559				
0103 CORN	61		61				
0105 RICE	5,495		5,495				
0111 SOYBEANS	200		200				
0119 OILSEEDS, NEC	976		976				
0121 TOBACCO, LEAF	108,567	33,102	75,465				
0131 FRESH FRUITS	29,296		29,296				
0133 COFFEE	845	810	35				
0141 FRESH AND FROZEN VEGETABLES	672	289	383				
0161 ANIMALS AND PRODUCTS, NEC	779	561	218				
0191 MISCELLANEOUS FARM PRODUCTS	233	201	32				
0841 CRUDE RUBBER AND ALLIED GUMS	220	133	87				
0861 FOREST PRODUCTS, NEC	116	101	15				
0911 FRESH FISH, EXCEPT SHELLFISH	39	32	7				
0912 SHELLFISH, EXCEPT PREPARED	52	32	20				
1051 ALUMINUM ORES, CONCENTRATED	0	0					
1091 NONFERROUS ORES, CONCENT, NEC	127,933	121,002	6,931				
1403 SAND, GRAVEL, CRUSHED ROCK	557	16	541				
1405 CLAY	1,090	1,090					
1479 NATURAL FERTILIZER MATS, NEC	7,220	7,220					
1491 SALT	103,795	103,795					
1493 GYPSUM, CRUDE AND PLASTER	261,791	261,791					
1495 NONMETALLIC MINERALS, NEC	2,558		2,558				
1911 ORNAMENT AND ACCESSORIES	3,343	272	3,071				
2011 MEAT, FRESH, CHILLED, FROZEN	9,509	212	9,297				

## WILMINGTON, NC, DISTRICT

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PORT OF WILMINGTON, N. C.  
(SEE ALSO WILMINGTON HARBOR, N. C. FOR WATERWAY DATA)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
2012 MEAT AND PRODUCTS, NEC-----	760	681	103				
2014 TALLOW, ANIMAL FATS AND OILS-----	179	179					
2015 ANIMAL BY-PRODUCTS, NEC-----	176		176				
2021 DAIRY PRODUCTS, NEC-----	567	521	26				
2022 DRIED MILK AND CREAM-----	283	220	55				
2031 FISH AND SHELLFISH, PREPARED-----	353	162	171				
2034 VEGETABLES AND PREP, NEC-----	3,199	3,035	164				
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,793	1,271	522				
2042 ANIMAL FEEDS-----	10,698		10,698				
2049 GRAIN MILL PRODUCTS, NEC-----	1,650	631	1,027				
2061 SUGAR-----	21		21				
2062 MOLASSES-----	41,604	41,604					
2081 ALCOHOLIC BEVERAGES-----	32,952	14,000	18,974				
2091 VEGETABLE OILS, HARD, SHORT-----	8,112	60	8,052				
2092 ANIMAL OILS AND FATS, NEC-----	161		161				
2095 ICE-----	475	475					
2099 MISCELLANEOUS FOOD PRODUCTS-----	2,070	1,750	1,120				
2111 TOBACCO MANUFACTURES-----	4,814	53	4,761				
2211 BASIC TEXTILE PRODUCTS-----	23,070	7,296	15,830				2,760
2212 TEXTILE FIBERS, NEC-----	25	10	9				
2311 APPAREL-----	4,270	3,740	521				
2411 LOGS-----	1,020		1,020				
2414 TIMBER, POSTS, POLES, PILING-----	7,694		7,694				
2421 LUMBER-----	33,408	2,338	31,070				
2431 VENEER, PLYWOOD, WORKED WOOD-----	7,431	3,710	3,721				
2491 WOOD MANUFACTURES, NEC-----	1,318	1,219	97				
2511 FURNITURE AND FIXTURES-----	14,406	14,109	391				
2611 PULP-----	312,929		312,929				
2631 PAPER AND PAPERBOARD-----	15,802	10,560	5,230				
2691 PULP AND PAPER PRODUCTS, NEC-----	2,066	1,336	1,310				
2711 PRINTED MATTER-----	230	121	109				
2810 SODIUM HYDROXIDE-----	29,417			29,417			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	3,260	1,276	6	1,978			
2812 DYES, PIGMENT, TANNING MATS-----	30		30				
2813 ALCOHOLS-----	250,063	76,141	25	120,931	4,640		61,526
2816 RADIOACTIVE MATERIALS, WASTE-----	85	85					
2817 BENZENE AND TOLUENE-----	1,675	1,675					
2819 BASIC CHEMICALS AND PROD, NEC-----	947,839	305,700	33,831	337,606			271,422
2821 PLASTIC MATERIALS-----	10,093	3,705	6,290				
2822 SYNTHETIC RUBBER-----	210	49	169				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	14,200	4,100	10,172				
2831 DRUGS-----	405	178	267				
2841 SOAP-----	1,750	667	705				
2851 PAINTS-----	5,042	4,607	355				
2861 SUN AND WOOD CHEMICALS-----	43	30	4				
2871 NITROGENOUS CHEM FERTILIZERS-----	98,604	95,604		3,000			
2872 POTASSIC CHEM FERTILIZERS-----	78,361	78,361					
2876 INSECTICIDES, DISINFECTANTS-----	2,693	87	2,606				
2879 FERTILIZER AND MATERIALS, NEC-----	10,308	10,617	0,701				
2891 MISCELLANEOUS CHEMICAL PROD-----	74,172	53,324	2,121	10,727			
2911 GASOLINE-----	480,266			477,606	152		2,500
2913 KEROSENE-----	36,413			36,413			
2914 DISTILLATE FUEL OIL-----	320,239	40,993	279,246				116,242
2915 RESIDUAL FUEL OIL-----	574,003	240,030	210,211				
2916 LUBRICATING OILS AND GREASES-----	530	100	431				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	193,128	540	193,327	19,146			
2918 ASPHALT, TAR, AND PITCHES-----	301,135		80	301,147			
2921 LIQUEFIED GASES-----	35		35				
2991 PETROLEUM AND COAL PROD, NEC-----	2	2					
3011 RUBBER AND MIDC PLASTIC PROD-----	6,642	6,501	2,141				
3111 LEATHER AND LEATHER PRODUCTS-----	655	576	79				
3211 GLASS AND GLASS PRODUCTS-----	2,091	1,601	490				
3291 BUILDING CEMENT-----	151,092	151,092					
3291 STRUCTURAL CLAY PRODUCTS-----	1,302	779	603				
3291 CUT STONE AND STONE PRODUCTS-----	605	605					
3291 MIDC NONMETALLIC MINERAL PROD-----	2,576	2,496	82				
3310 IRON AND STEEL PRIMARY FORMS-----	829	829					
3315 IRON, STEEL SHAPES, EXC SHEET-----	102,350	171,986	1,931				0,901
3316 IRON AND STEEL PLATES, SHEETS-----	80		80				
3317 IRON AND STEEL PIPE AND TUBE-----	35,270	35,250	37				
3310 FERROALLOYS-----	734	734					
3319 IRON AND STEEL PRODUCTS, NEC-----	3,025	1,609	14				
3321 NONFERROUS METALS, NEC-----	1,149	1,038	114				
3322 COPPER ALLOYS, UNWORKED-----	708	765	25				
3323 LEAD AND ZINC, UNWORKED-----	708	700					
3320 ALUMINUM AND ALLOYS, UNWORKED-----	2,753	2,597	156				
3411 FABRICATED METAL PRODUCTS-----	56,374	54,190	2,180				
3411 MACHINERY, EXCEPT ELECTRICAL-----	35,395	28,587	7,018				
3411 ELECTRICAL MACH AND EQUIP-----	15,768	6,900	4,772				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	11,691	9,000	1,792				
3721 AIRCRAFT AND PARTS-----	610	30	772				
3731 SHIPS AND BOATS-----	1,000	354	712				
3791 MIDC TRANSPORTATION EQUIPMENT-----	651		651				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	6,958	6,735	229				
3911 MIDC MANUFACTURED PRODUCTS-----	8,000	3,539	600				
4011 IRON AND STEEL SCRAP-----	13,560		3,030		900		3,600
4012 NONFERROUS METAL SCRAP-----	8,109		4,100				
4022 TEXTILE WASTE, SCRAP, SHEET-----	12,000	440	12,210				
4020 PAPER WASTE AND SCRAP-----	6,032		6,032				
4112 COMMODITIES, NEC-----	6,966	3,376	6,966				700
4999 DEPARTMENT OF DEFENSE AND SCI-----	20,090		20,090				

WILMINGTON HARBOR, N. C.  
(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)

SECTION INCLUDED: FROM 1.67 MILES ABOVE THE MILTON BRIDGE AT WILMINGTON TO THE OCEAN, 33.67 MILES. CONTROLLING DEPTH: 37.0 FEET TO THE FOURTH EAST JETTY CHANNEL; OTHER CHANNELS RANGE FROM 24 TO 29 FEET. PROJECT DEPTH: 40.0 FEET OVER OCEAN BAR TO SOUTHPORT; 36 FEET FROM SOUTHPORT TO WILMINGTON HARBOR ANCHORAGE BASIN; 32 FEET FROM ANCHORAGE BASIN TO MILTON R. R. BRIDGE; 25 FEET FROM MILTON R. R. BRIDGE TO 1.67 MILES ABOVE, ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	8,682,623	123,487	1981	8,434,798	129,739
1977	10,000,290	104,432	1982	5,960,350	134,120
1978	9,920,216	116,491	1983	5,123,292	145,311
1979	10,293,376	145,403	1984	5,797,706	155,402
1980	8,602,279	152,229	1985	5,632,063	176,013

## FREIGHT TRAFFIC, 1985

## OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	THROUGH		UPBOUND	DOWNBOUND
				RECEIPTS	SHIPMENTS		
TOTAL	4,949,014	2,135,696	488,025	2,045,299	24,890	14,902	200
0101 COTTON, RAW	4,559		4,559				
0103 CORN	61		61				
0105 RICE	5,495		5,495				
0111 SOYBEANS	260		260				
0119 OILSEEDS, NEC	976		976				
0121 TOBACCO, LEAF	108,567	33,102	75,465				
0131 FRESH FRUITS	20,296		20,296				
0133 COFFEE	865	810	55				
0141 FRESH AND FROZEN VEGETABLES	672	226	446				
0161 ANIMALS AND PRODUCTS, NEC	770	209	561				
0191 MISCELLANEOUS FARM PRODUCTS	253	241	12				
0841 CRUDE RUBBER AND ALLIED GUMS	220	133	87				
0861 FOREST PRODUCTS, NEC	116	101	15				
0911 FRESH FISH, EXCEPT SHELLFISH	32	32					
0912 SHELLFISH, EXCEPT PREPARED	52	52					
0913 ALUMINUM ORES, CONCENTRATES	8						
1001 NONFERROUS ORES, CONCENT. NEC	121,892	121,892					
1402 SAND, GRAVEL, CRUSHED ROCK	957	16	941				
1451 CLAY	1,098		1,098				
1479 NATURAL FERTILIZER MATS, NEC	7,220	7,220					
1491 SALT	183,785	183,785					
1494 GYPSUM, CRUDE AND PLASTERS	261,781	261,781					
1499 NONMETALLIC MINERALS, NEC	2,532	22	2,510				
1911 ORDNANCE AND ACCESSORIES	317	272	45				
2011 MEAT, FRESH, CHILLED, FROZEN	5,594	212	5,382				
2012 MEAT AND PRODUCTS, NEC	784	681	103				
2014 TALLOW, ANIMAL FATS AND OILS	179		179				
2015 ANIMAL BY-PRODUCTS, NEC	176		176				
2021 DAIRY PRODUCTS, NEC	547	521	26				
2022 DRIED MILK AND CREAM	283	226	57				
2031 FISH AND SHELLFISH, PREPARED	353	182	171				
2034 VEGETABLES AND PREP. NEC	3,199	3,035	164				
2039 PREP FRUIT AND VEG JUICE, NEC	1,793	1,271	522				
2042 ANIMAL FEEDS	10,698		10,698				
2049 GRAIN MILL PRODUCTS, NEC	1,658	631	1,027				
2061 SUGAR	21		21				
2062 MOLASSES	41,604	41,604					
2081 ALCOHOLIC BEVERAGES	32,962	10,000	10,074				
2091 VEGETABLE OILS, MARG. SHORT	8,112	60	8,052				
2092 ANIMAL OILS AND FATS, NEC	161	161					
2095 ICE	675		675				
2099 MISCELLANEOUS FOOD PRODUCTS	2,870	1,750	1,120				
2111 TOBACCO MANUFACTURES	4,814	55	4,761				
2211 BASIC TEXTILE PRODUCTS	21,126	7,296	13,830				
2212 TEXTILE FIBERS, NEC	25	16	9				
2311 APPAREL	4,270	3,749	521				
2411 LUMBS	1,928		1,928				
2414 TIMBER, POSTS, POLES, PILING	7,694		7,694				
2421 LUMBER	33,008	2,330	31,070				
2431 VENEER, PLYWOOD, WORKED WOOD	7,431	3,710	3,721				
2491 WOOD MANUFACTURES, NEC	1,316	1,219	97				
2511 FURNITURE AND FIXTURES	14,096	14,105	391				
2611 PULP	312,029		312,029				
2631 PAPER AND PAPERBOARD	15,002	10,964	5,238				
2641 PULP AND PAPER PRODUCTS, NEC	7,646	1,336	1,310				
2711 PRINTED MATTER	236	121	109				
2810 SODIUM HYDROXIDE	29,817		29,817				
2811 CRUDE TAR, OIL, GAS PRODUCTS	3,268	1,276	1,978				
2812 DYES, PIGMENT, TANNING MATS	30		30				
2813 ALCOHOLS	209,337	70,141	25	70,531	4,668		
2814 RADIOACTIVE MATERIALS, WASTES	85	85					
2817 BENZENE AND TOLUENE	1,675	1,675					
2819 BASIC CHEMICALS AND PROD. NEC	687,767	105,700	33,031	337,606			
2821 PLASTIC MATERIALS	10,093	3,795	6,298				
2822 SYNTHETIC RUBBER	218	49	169				
2823 SYNTHETIC (MAN-MADE) FIBERS	10,200	6,100	10,172				
2831 DRUGS	445	178	267				
2841 SOAP	1,752	967	785				
2851 PAINTS	5,062	4,607	355				
2861 GUM AND WOOD CHEMICALS	63	30	4				
2871 NITROGENOUS CHEM FERTILIZERS	98,684	93,684		5,000			

# WILMINGTON, NC, DISTRICT

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(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

OFANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		THROUGH	
				RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND
2872 POTASSIC CHEM FERTILIZERS-----	78,361	78,361					
2876 INSECTICIDES, DISINFECTANTS-----	2,693	87	2,606				
2879 FERTILIZER AND MATERIALS, NEC-----	10,398	10,617	8,781				
2891 MISCELLANEOUS CHEMICAL PROD-----	70,172	53,324	2,121	18,727			
2911 GASOLINE-----	477,758			477,606	152		
2913 KEROSENE-----	36,413			36,413			
2914 DISTILLATE FUEL OIL-----	329,239	40,093		279,246			
2915 RESIDUAL FUEL OIL-----	450,241	240,030		210,211			
2916 LUBRICATING OILS AND GREASES-----	339	108	431				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	193,122	568		173,337		19,146	
2918 ASPHALT, TAR, AND PITCHES-----	381,164		22	381,147			
2921 LIQUEFIED GASES-----	35		35				
2991 PETROLEUM AND COAL PROD, NEC-----	2	2					
3011 RUBBER AND MISC PLASTIC PROD-----	8,642	6,501	2,141				
3111 LEATHER AND LEATHER PRODUCTS-----	655	576	79				
3211 GLASS AND GLASS PRODUCTS-----	2,091	1,601	490				
3241 BUILDING CEMENT-----	151,892	151,892					
3251 STRUCTURAL CLAY PRODUCTS-----	1,382	779	603				
3291 CUT STONE AND STONE PRODUCTS-----	685	685					
3291 MISC NONMETALLIC MINERAL PROD-----	2,578	2,496	82				
3314 IRON AND STEEL PRIMARY FORMS-----	429	429					
3315 IRON, STEEL SHAPES, ETC SHEET-----	173,877	171,926	1,951				
3316 IRON AND STEEL PLATES, SHEETS-----	173,877	171,926	1,951				
3317 IRON AND STEEL PIPE AND TUBE-----	35,275	35,238	37				
3318 FERROALLOYS-----	734	734					
3319 IRON AND STEEL PRODUCTS, NEC-----	3,825	3,609	216				
3321 NONFERROUS METALS, NEC-----	1,149	1,035	114				
3322 COPPER ALLOYS, UNWORKED-----	780	763	17				
3323 LEAD AND ZINC, UNWORKED-----	798	798					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2,753	2,597	156				
3411 FABRICATED METAL PRODUCTS-----	56,934	54,194	2,740			560	
3511 MACHINERY, EXCEPT ELECTRICAL-----	37,417	29,337	7,080			1,862	200
3611 ELECTRICAL MACH AND EQUIP-----	13,762	9,990	4,772				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	11,691	9,699	1,992				
3721 AIRCRAFT AND PARTS-----	810	58	752				
3731 SHIPS AND BOATS-----	1,224	334	712			180	
3791 MISC TRANSPORTATION EQUIPMENT-----	1,601	651	950			950	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	6,958	6,758	200				
3911 MISC MANUFACTURED PRODUCTS-----	6,209	3,529	2,680				
4011 IRON AND STEEL SCRAP-----	4,791		3,839		952		
4012 NONFERROUS METAL SCRAP-----	4,149		4,149				
4022 TEXTILE WASTE, SCRAP, SHEEP-----	12,660	442	12,218				
4024 PAPER WASTE AND SCRAP-----	6,032		6,032				
4112 COMMODITIES, NEC-----	6,182	3,376	2,806				
9999 DEPARTMENT OF DEFENSE AND SCI-----	26,496		26,496				
TON-MILES, OFANGOING, 139,173,600.							

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL-----	683,049	21,626	149	312,948	127,927	100,299	120,190
0133 COFFEE-----	1,176						1,176
0911 FRESH FISH, EXCEPT SHELLFISH-----	658	487	32			179	
0912 SHELLFISH, EXCEPT PREPARED-----	159	5	117			37	
1091 NONFERROUS ORES, CONCENT, NEC-----	38,887	6,041					32,846
1911 ORDNANCE AND ACCESSORIES-----	3,026				3,026		
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,584						1,584
2211 BASIC TEXTILE PRODUCTS-----	3,944				2,744		1,200
2611 PULP-----	68,959					68,959	
2913 KEROSENE-----	41,526			41,526			
2919 BASIC CHEMICALS AND PROD, NEC-----	271,422			271,422			
2911 GASOLINE-----	2,508						
2912 JET FUEL-----	2,858					2,858	
2915 RESIDUAL FUEL OIL-----	110,484				116,247	1,766	496
2918 ASPHALT, TAR, AND PITCHES-----	2,909					2,909	
2920 COKE, PETROLEUM COKE-----	4,291						4,291
3312 SLAB-----	6,704						6,704
3315 IRON, STEEL SHAPES, ETC SHEET-----	60,050	8,081				20,157	50,912
3318 FERROALLOYS-----	2,801					2,801	
3411 FABRICATED METAL PRODUCTS-----	200						200
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,789					160	2,629
3611 ELECTRICAL MACH AND EQUIP-----	540					300	240
3721 AIRCRAFT AND PARTS-----	11						11
3731 SHIPS AND BOATS-----	27						27
3811 INSTR, TIME, PHOTO, OPT GOODS-----	92					92	
4011 IRON AND STEEL SCRAP-----	23,423	3,644			5,129		14,850
4112 COMMODITIES, NEC-----	3,819				784		3,035
TON-MILES, INTERNAL, 5,997,047.							
TONS, ALL TRAFFIC, 5,632,063.							
TON-MILES, ALL TRAFFIC, 146,270,647.							

# *Waterborne Commerce of the United States, 1985*

NORTHEAST (CAPE FEAR) RIVER, N. C.

SECTION INCLUDED: FROM 1.67 MILES ABOVE WILTON BRIDGE AT WILMINGTON TO KORNEGAYS BRIDGE, 103 MILES ABOVE THE MOUTH. CONTROLLING DEPTH: 13 FEET TO A POINT 30 MILES ABOVE THE MOUTH, AND 5 FEET TO CROOMS BRIDGE, 56 MILES ABOVE THE MOUTH AT ALL STAGES. PROJECT: CLEARING OF NATURAL CHANNEL BY SNAGGING, 103 MILES. NAVIGATION SEASON: ENTIRE YEAR OVER LOWER 56 MILES, UPPER PORTION ONLY DURING FRESHET STAGES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	495,440	1981-----	476,389
1977-----	377,467	1982-----	390,915
1978-----	479,042	1983-----	370,670
1979-----	597,396	1984-----	335,120
1980-----	379,781	1985-----	324,298

## FREIGHT TRAFFIC, 1985

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL
		RECEIPTS	INBOUND
TOTAL-----	324,298	11,350	312,948
2813 ALCOHOLS-----	41,526	-----	41,526
2819 BASIC CHEMICALS AND PROD, NEC-----	282,772	11,350	271,422
TOTAL TON-MILES, 1,621,490.			

## WILMINGTON, NC, DISTRICT

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## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
ATLANTIC BEACH CHANNELS, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	626	626	6,000
AVON HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	814		
	0912 SHELLFISH, EXCEPT PREPARED	270		
	TOTAL	1,084	3,252	
BAY RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	1,522		
	0912 SHELLFISH, EXCEPT PREPARED	665		
	TOTAL	2,187	26,659	
BEAUFORT HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	2,509		
	0912 SHELLFISH, EXCEPT PREPARED	1,644		
	0913 MENHADEN	20,832		
	TOTAL	25,067	29,822	
BELHAVEN HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	2,453		
	0912 SHELLFISH, EXCEPT PREPARED	2,974		
	2071 NITROGENOUS CHEM FERTILIZERS	1,500		
	TOTAL	6,927		
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.	2915 RESIDUAL FUEL OIL	95,082	2,852,460	
CASWIE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	168	2,016	
CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, N. C.	NO COMMERCE REPORTED			
CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT, N. C.	NO COMMERCE REPORTED			
CHANNEL FROM PAMlico SOUND TO RODANTHE, N. C.	NO COMMERCE REPORTED			
CHANNEL TO ROGUE INLET, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	242		
	0912 SHELLFISH, EXCEPT PREPARED	492		
	TOTAL	734		15,320
DRUM INLET, N. C.	NO COMMERCE REPORTED			
EDENTON HARBOR, N. C.	1499 NONMETALLIC MINERALS, NEC	891		
	2415 PULPWOOD, LOG	71,626		
	TOTAL	72,517	72,517	
FAR CREEK, N. C.	0103 CORN	1,200		
	0911 FRESH FISH, EXCEPT SHELLFISH	487		
	0912 SHELLFISH, EXCEPT PREPARED	1,612		
	TOTAL	3,459	10,377	
KNOXES CREEK, N. C.	2416 WOOD CHIPS, STAVES, HOLDINGS	71,793	71,793	
LOCAMOODS FOLLY RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	116		
	0912 SHELLFISH, EXCEPT PREPARED	797		
	TOTAL	913	11,627	
MACKAY CREEK, N. C.	NO COMMERCE REPORTED			
MANN'S HARBOR, N. C.	NO COMMERCE REPORTED			
MANTED (SHALLOW) BAY, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	16,433		
	0912 SHELLFISH, EXCEPT PREPARED	1,172		
	2914 DISTILLATE FUEL OIL	141		
	TOTAL	17,746	119,086	320
NEUSE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	2,352		
	0912 SHELLFISH, EXCEPT PREPARED	6,322		
	1499 NONMETALLIC MINERALS, NEC	3,186		
	2071 NITROGENOUS CHEM FERTILIZERS	11,700		
	2912 JET FUEL	2,858		
	3721 AIRCRAFT AND PARTS	11		
	TOTAL	26,429	656,102	
NEW RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	132		
	0912 SHELLFISH, EXCEPT PREPARED	479		
	TOTAL	611		6,000
OCRAOKE INLET, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	4,114		
	0912 SHELLFISH, EXCEPT PREPARED	429		
	TOTAL	4,543	9,086	32,600
PERQUIMANS RIVER, N. C.	NO COMMERCE REPORTED			
ROANOKE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	309		
	2415 PULPWOOD, LOG	91,442		
	2915 RESIDUAL FUEL OIL	11,951		
	TOTAL	103,702	3,726,079	
ROLLINSON CHANNEL, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	81	243	

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
SCUPPERNONG RIVER, N. C.-----	NO COMMERCE REPORTED			
SHALLOTTE RIVER, N. C.-----	0912 SHELLFISH, EXCEPT PREPARED-----	253	2,277	
SILVER LAKE HARBOR, N. C.-----				197,332
SMITHS CREEK (PAMLICO COUNTY), N. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,506		
	0912 SHELLFISH, EXCEPT PREPARED-----	3,236		
	TOTAL-----	4,022	43,398	
SMITHS CREEK (WILMINGTON), N. C.-----	NO COMMERCE REPORTED			
SOUTH RIVER, N. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	6		
	0912 SHELLFISH, EXCEPT PREPARED-----	258		
	TOTAL-----	264	3,148	
STUMPY POINT BAY, N. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	2,246		
	0912 SHELLFISH, EXCEPT PREPARED-----	488		
	TOTAL-----	2,734	5,468	
TRENT RIVER, N. C.-----	1499 NONMETALLIC MINERALS, NEC-----	1,746	1,746	
WANCHESE HARBOR, N. C. (INCLUDED IN WANTED (SHALLOMBAG) BAY, N. C.)-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	7,047		
	0912 SHELLFISH, EXCEPT PREPARED-----	461		
	TOTAL-----	7,508	7,508	160
WATERWAY - NORFOLK, VA. TO SOUNDS OF NORTH CAROLINA-----	0103 CORN-----	1,200		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	536		
	0912 SHELLFISH, EXCEPT PREPARED-----	711		
	2914 DISTILLATE FUEL OIL-----	141		
	TOTAL-----	2,588	49,432	
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH-----	5,870		
	0912 SHELLFISH, EXCEPT PREPARED-----	2,546		
	0913 MENHADEN-----	4,242		
	TOTAL-----	12,658	150,019	14,000
WATERWAY CONNECTING SWAN QUARTER BAY WITH DEEP BAY, N. C.---	0911 FRESH FISH, EXCEPT SHELLFISH-----	132		
	0912 SHELLFISH, EXCEPT PREPARED-----	465		
	TOTAL-----	597	1,194	28,940
WRIGHTS CREEK, N. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	177		
	0912 SHELLFISH, EXCEPT PREPARED-----	3,151		
	TOTAL-----	3,328	3,328	



# CHARLESTON, SC, DISTRICT

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ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (CHARLESTON DISTRICT)

SECTION INCLUDED: FROM LITTLE RIVER, S. C. TO PORT ROYAL SOUND, S. C., WITH A BRANCH CHANNEL TO MCCLELLANVILLE, S. C. CONTROLLING  
DEPTH: 9.5 FEET AT MEAN LOW WATER FOR 90' WIDTH FROM LITTLE RIVER TO WINYAH BAY; 9.0 FEET FOR 90' WIDTH FROM WINYAH BAY TO CHARLESTON;  
11.5 FEET FOR 90' WIDTH IN MCCLELLANVILLE BRANCH CHANNEL AND 7.5 FEET FOR 90' WIDTH FROM CHARLESTON TO PORT ROYAL SOUND. PROJECT  
DEPTH: 12 FEET AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	1,406,688	140	1981-----	1,266,971	99,004
1977-----	1,557,140	971	1982-----	563,552	84,482
1978-----	1,650,147	26,213	1983-----	700,003	58,691
1979-----	1,981,035	52,319	1984-----	467,921	37,498
1980-----	1,617,224	17,524	1985-----	446,604	26,419

## FREIGHT TRAFFIC, 1985

### OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC	
		COASTWISE	
		THROUGH	THROUGH
		NORTHBOUND	SOUTHBOUND
TOTAL-----	3,812	3,552	260
3411 FABRICATED METAL PRODUCTS-----	540	500	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,122	1,862	260
3731 SHIPS AND BOATS-----	180	180	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	950	950	-----
TON-MILES, OCEANGOING, 792,860.			

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	THROUGH		SOUTHBOUND	THROUGH		SOUTHBOUND	THROUGH
			NORTHBOUND	NORTHBOUND		NORTHBOUND	SOUTHBOUND		
TOTAL-----	442,792	390	22,667	30	213,654	74	26,653	30	179,200
0133 COFFEE-----	1,176	-----	-----	-----	-----	-----	-----	-----	1,176
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,239	-----	600	-----	216	-----	330	-----	77
0912 SHELLFISH, EXCEPT PREPARED-----	5,955	350	1,010	-----	137	74	4,342	30	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	32,046	-----	-----	-----	-----	-----	-----	-----	32,046
1911 ORDNANCE AND ACCESSORIES-----	3,020	-----	-----	-----	-----	-----	-----	-----	3,020
2099 MISCELLANEOUS FOOD PRODUCTS-----	4,760	-----	-----	-----	1,976	-----	-----	-----	2,784
2211 BASIC TEXTILE PRODUCTS-----	5,908	-----	-----	-----	-----	-----	-----	-----	5,908
2611 PULP-----	69,779	-----	-----	-----	69,779	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	30,908	-----	-----	-----	30,908	-----	-----	-----	-----
2911 GASOLINE-----	22,935	-----	-----	-----	22,935	-----	-----	-----	-----
2912 JET FUEL-----	46,269	-----	20,482	-----	4,514	-----	21,273	-----	-----
2915 RESIDUAL FUEL OIL-----	36,587	-----	567	-----	15,855	-----	-----	-----	20,165
2918 ASPHALT, TAR, AND BITUMENS-----	2,909	-----	-----	-----	2,909	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	9,271	-----	-----	-----	-----	-----	-----	-----	9,271
3291 MISC NONMETALLIC MINERAL PROD-----	700	-----	-----	-----	-----	-----	700	-----	-----
3312 SLAG-----	6,704	-----	-----	-----	-----	-----	-----	-----	6,704
3315 IRON, STEEL SHAPES, EXC SHEET-----	118,733	-----	-----	-----	49,502	-----	-----	-----	69,231
3316 FERROALLOYS-----	2,801	-----	-----	-----	2,801	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	200	-----	-----	-----	-----	-----	-----	-----	200
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,451	32	-----	30	140	-----	-----	-----	2,629
3611 ELECTRICAL MACH AND EQUIP-----	540	-----	-----	-----	300	-----	-----	-----	240
3721 AIRCRAFT AND PARTS-----	11	-----	-----	-----	11	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	27	-----	-----	-----	-----	-----	-----	-----	27
3811 INSTR, TIME, PHOTO, OPT GOODS-----	92	-----	-----	-----	92	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	30,330	-----	-----	-----	10,359	-----	-----	-----	19,970
4112 COMMODITIES, NEC-----	6,229	-----	-----	-----	1,200	-----	-----	-----	5,029
TON-MILES, INTERNAL, 63,082,350.									

TONS, ALL TRAFFIC, 446,604.  
TON-MILES, ALL TRAFFIC, 63,875,210.

## Waterborne Commerce of the United States, 1985

## GEORGETOWN HARBOR, S. C. (MINYAM BAY)

SECTION INCLUDED: ATLANTIC OCEAN ENTRANCE TO MINYAM BAY, S. C., TO AND INCLUDING TURNING BASIN IN SAMPIT RIVER AT THE CITY OF GEORGETOWN, S. C. CONTROLLING DEPTH: 26.5 FEET AT MEAN LOW WATER FOR 400-FOOT WIDTH FROM THE OCEAN THROUGH THE GORGE CHANNEL; THENCE 25.5 FEET FOR 300-FOOT WIDTH TO MOUTH OF SAMPIT RIVER; THENCE 25.5 FEET FOR 300-FOOT WIDTH TO HEAD OF THE PROJECT; SAMPIT RIVER BYPASS CHANNEL 10 FEET FOR 100-FOOT WIDTH. PROJECT DEPTH 27 FEET AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1976-----	1,666,420	136	443,372	1981-----	746,157	38,214	537,283
1977-----	1,380,577	324	417,763	1982-----	271,296	36,675	284,937
1978-----	1,148,490	25,540	598,744	1983-----	352,406	51,454	244,184
1979-----	1,381,686	41,919	646,583	1984-----	284,633	34,732	267,187
1980-----	1,045,361	15,582	537,123	1985-----	404,133	25,200	254,746

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		INTERNAL
				RECEIPTS	RECEIPTS	SHIPMENTS
TOTAL-----	400,133	297,998	10,061	952	21,223	49,003
0911 FRESH FISH, EXCEPT SHELLFISH-----	309					309
0912 SHELLFISH, EXCEPT PREPARED-----	137					137
1011 IRON ORE AND CONCENTRATES-----	213,334	213,334				
1499 NONMETALLIC MINERALS, NEC-----	19,996	19,996				
2211 BASIC TEXTILE PRODUCTS-----	128	128				
2411 LOGS-----	15		15			
2421 LUMBER-----	32,484	31,307	1,002			
2431 VENEER, PLYWOOD, WORKED WOOD-----	695	695				
2611 PULP-----	29,831		29,831			
3314 IRON AND STEEL PRIMARY FORMS-----	11,407	11,407				
3315 IRON, STEEL SHAPES, EXC SHEET-----	58,193	8,352				708
3316 FERRIALLOYS-----	11,177	11,177				49,003
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,420	1,420				
3811 FABRICATED METAL PRODUCTS-----	0	0				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	84	84				
4011 IRON AND STEEL SCRAP-----	29,831			952	19,970	
4112 COMMODITIES, NEC-----	23		23			
TOTAL TON-MILES, 6,749,316.						

## CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEN CREEK AND SHIPYARD RIVER, S. C.)

SECTION INCLUDED: OCEAN TO GOOSE CREEK VIA COOPER RIVER AND TOWN CREEK; TO THE STANDARD WHARF ON ASHLEY RIVER TO THE MOUNT PLEASANT MEMORIAL HIGHWAY BRIDGE ON SHEN CREEK TO THE AIRCO ALLOYS WHARF ON SHIPYARD RIVER. CONTROLLING DEPTH: 34.0 FEET FOR 400-FOOT WIDTH ACROSS THE ENTRANCE CHANNEL; THENCE 36.0 FEET FOR PROJECT WIDTHS TO HEAD OF PROJECT (7.4 MILES); SHIPYARD RIVER 35 FEET TO HEAD OF PROJECT (1.2 MILES). PROJECT DEPTH: CHARLESTON HARBOR 35.0 FEET; SHEN CREEK 10.0 FEET; ASHLEY RIVER 30.0 FEET; SHIPYARD RIVER 30.0 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1976-----	9,664,865	314,675	380,199	1981-----	8,845,162	345,414	332,197
1977-----	12,377,650	293,050	302,312	1982-----	6,850,860	374,354	254,264
1978-----	10,841,087	303,375	299,399	1983-----	7,396,234	371,630	296,929
1979-----	10,055,566	302,049	302,673	1984-----	8,046,493	401,974	211,704
1980-----	9,096,710	293,062	254,080	1985-----	8,881,749	442,724	191,445

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	8,881,749	2,586,043	2,999,418	2,932,122	193,027	124,092	24,696	115,551
0101 COTTON, RAW-----	7,663	331	7,315	-----	17	-----	-----	-----
0103 CORN-----	182,322	-----	182,322	-----	-----	-----	-----	-----
0105 RICE-----	740	40	-----	-----	-----	-----	-----	-----
0107 WHEAT-----	135,023	-----	135,023	-----	-----	-----	-----	-----
0111 SOYBEANS-----	121,423	-----	121,423	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	61,533	49	61,471	-----	13	-----	-----	-----
0121 TOBACCO, LEAF-----	12,946	6,267	6,719	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	443	430	4	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	2,623	0	2,615	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	218,596	218,596	-----	-----	-----	-----	-----	-----
0133 COFFEE-----	7,444	6,887	557	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	25	2	23	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	3,054	257	2,592	-----	181	-----	-----	-----

# CHARLESTON, SC, DISTRICT

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CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER,  
COOPER RIVER, SHEN CREEK AND SHIPYARD RIVER, S. C.)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
0161 ANIMALS AND PRODUCTS, NEC-----	10,506	7,983	2,502	2	19			
0191 MISCELLANEOUS FARM PRODUCTS-----	609	335	274					
0841 CRUDE RUBBER AND ALLIED GUMS-----	28,760	28,562	179		19			
0861 FOREST PRODUCTS, NEC-----	7,839	7,178	639	22				
0911 FRESH FISH, EXCEPT SHELLFISH-----	3,044	1,311	34			1,719		
0912 SHELLFISH, EXCEPT PREPARED-----	5,613	41	33			5,439		
0931 MARINE SHELLS, UNMANUFACTURED-----	39	15	24					
1051 ALUMINUM DREGS, CONCENTRATES-----	419,841	419,623	218					
1091 NONFERROUS DREGS, CONCENT, NEC-----	135,946	98,838	4,262			32,846		
1121 COAL AND LIGNITE-----	1,050,195		1,050,195					
1311 CRUDE PETROLEUM-----	10,724				10,724			
1412 BUILDING STONE, UNWORKED-----	62		40		22			
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,935	2,477	1,121		337			
1451 CLAY-----	175,072	90,526	83,812		734			
1471 PHOSPHATE ROCK-----	4		4					
1479 NATURAL FERTILIZER MATS, NEC-----	3,307	3,307						
1492 SULPHUR, DRY-----	507				22			
1494 GYPSUM, CRUDE AND PLASTERS-----	84,056	84,056						
1499 NONMETALLIC MINERALS, NEC-----	35,999	27,490	8,509					
1911 ORDNANCE AND ACCESSORIES-----	3,335	252	55			3,028		
2011 MEAT, FRESH, CHILLED, FROZEN-----	18,476	10,821	1,775		5,880			
2012 MEAT AND PRODUCTS, NEC-----	5,424	2,902	120		2,402			
2014 TALLOW, ANIMAL FATS AND OILS-----	3,646		3,646					
2015 ANIMAL BY-PRODUCTS, NEC-----	2,157	993	1,123	41				
2021 DAIRY PRODUCTS, NEC-----	157	59	2		96			
2022 DRIED MILK AND CREAM-----	2,114	132	1,982					
2031 FISH AND SHELLFISH, PREPARED-----	2,816	2,751	42		23			
2034 VEGETABLES AND PREP, NEC-----	12,387	11,195	1,175		17			
2039 PREP FRUIT AND VEG JUICE, NEC-----	35,234	34,730	454		45			
2041 WHEAT FLOUR AND SEMOLINA-----	10,381		10,109		272			
2042 ANIMAL FEEDS-----	1,470	162	1,301					
2049 GRAIN MILL PRODUCTS, NEC-----	20,068	2,602	17,454	7	5			
2061 SUGAR-----	492	8	461		23			
2062 MOLASSES-----	69		19		50			
2081 ALCOHOLIC BEVERAGES-----	60,149	61,139	3,010					
2091 VEGETABLE OILS, WARG, SHORT-----	24,135	762	22,834		539			
2092 ANIMAL OILS AND FATS, NEC-----	539	539						
2095 ICE-----	7,399	7,399						
2099 MISCELLANEOUS FOOD PRODUCTS-----	27,086	7,054	11,763	861	2,648	3,560	1,200	
2111 TOBACCO MANUFACTURES-----	2,466	76	2,371		19			
2211 BASIC TEXTILE PRODUCTS-----	168,091	82,545	73,689	15	7,114	2,768	1,960	
2212 TEXTILE FIBERS, NEC-----	445	220	183		42			
2311 APPAREL-----	9,345	7,029	603	547	326			
2411 LOGS-----	2,570	55	2,515					
2413 FUEL WOOD, CHARCOAL, WASTES-----	163		163					
2416 WOOD CHIPS, STAVES, MOLDINGS-----	22	22						
2421 LUMBER-----	87,993	55,756	25,877		6,360			
2431 VENEER, PLYWOOD, WORKED WOOD-----	140,059	147,884	1,255					
2491 WOOD MANUFACTURES, NEC-----	8,086	5,133	2,768		145			
2511 FURNITURE AND FIXTURES-----	27,934	26,026	1,473	54	381			
2611 PULP-----	221,490	256	220,914			820		
2621 STANDARD NEWSPRINT PAPER-----	14,476	12,133			2,443			
2631 PAPER AND PAPERBOARD-----	301,590	73,658	226,646		1,264			
2691 PULP AND PAPER PRODUCTS, NEC-----	5,467	2,499	2,685	78	765			
2711 PRINTED MATTER-----	5,365	2,503	2,777		105			
2810 SODIUM HYDROXIDE-----	15,391			15,391				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	14,585	13,037	1,548					
2812 DYES, PIGMENT, TANNING MATS-----	371		371					
2813 ALCOHOLS-----	10,932	10,746	187	7,997				
2816 RADIOACTIVE MATERIALS, WASTES-----	205	202	3					
2819 BASIC CHEMICALS AND PROD, NEC-----	702,708	47,675	208,505	445,927	601			
2821 PLASTIC MATERIALS-----	114,253	18,838	95,223		192			
2822 SYNTHETIC RUBBER-----	2,260	845	1,415					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	100,784	15,393	83,112		2,319			
2931 DRUGS-----	2,504	1,364	1,140					
2841 SOAP-----	8,849	1,993	5,091		1,765			
2931 PAINTS-----	18,971	16,092	886		73			
2841 GUM AND WOOD CHEMICALS-----	11,078	894	10,049		115			
2971 NITROGENOUS CHEM FERTILIZERS-----	36,237	33,199	3,038					
2972 POTASSIC CHEM FERTILIZERS-----	82,399	82,399						
2976 INSECTICIDES, DISINFECTANTS-----	6,121	1,213	4,852		56			
2979 FERTILIZER AND MATERIALS, NEC-----	64	10	54					
2891 MISCELLANEOUS CHEMICAL PROD-----	23,244	16,832	5,731	360	313			
2911 GASOLINE-----	1,037,777	11,262	2	1,002,540	22,935			1,030
2912 JET FUEL-----	118,669			95,740		1,456	21,273	
2913 KEROSENE-----	28,851			28,851				
2914 DISTILLATE FUEL OIL-----	389,539		21	389,272				266
2915 RESIDUAL FUEL OIL-----	551,474	118,602		384,256		14,109		114,267
2916 LUBRICATING OILS AND GREASES-----	262,290	60	1,764	256,192	8,368			
2917 NAPHTHA, PETROLEUM SOLVENTS-----	106,933		77	106,856				
2918 ASPHALT, TAR, AND BITUMENS-----	263,154	25,914	82	237,194	58			
2920 COKE, PETROLEUM COKE-----	9,811		140			9,271		
2921 LIQUEFIED GASES-----	58							
2951 ASPHALT BUILDING MATERIALS-----	2,550		2,621		137			
2991 PETROLEUM AND COAL PROD, NEC-----	2,009	2,850	59					
3011 RUBBER AND MISCELLANEOUS PLASTIC PROD-----	45,387	39,050	5,137	69	311			
3111 LEATHER AND LEATHER PRODUCTS-----	8,353	7,307	981	86	59			
3211 GLASS AND GLASS PRODUCTS-----	20,274	14,008	6,112	6	148			
3241 BUILDING CEMENT-----	161,196	161,111	45		60			
3251 STRUCTURAL CLAY PRODUCTS-----	16,091	14,330	1,660	20	68			
3271 LIME-----	27		27					
3281 CUT STONE AND STONE PRODUCTS-----	11,772	11,712	60					
3291 MISCELLANEOUS MINERAL PROD-----	10,955	7,715	2,430		102			788

## Waterborne Commerce of the United States, 1985

CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER,  
COOPER RIVER, SMEN CREEK AND SHIPYARD RIVER, S. C.)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3312 SLAG-----	6,700	-----	-----	-----	5	6,700	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	391	301	88	-----	22	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	74,486	64,293	855	-----	459	9,039	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	968	-----	318	-----	650	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	17,557	14,308	3,214	-----	35	-----	-----	-----
3318 FERROALLOYS-----	9,959	679	6,488	-----	-----	-----	2,801	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	11,528	10,891	615	1	21	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	1,397	774	317	-----	306	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	24,140	22,811	1,107	-----	222	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	403	36	367	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	14,708	13,254	869	-----	4,585	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	70,189	57,011	11,881	204	933	200	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	156,210	87,745	70,246	10	423	2,626	160	-----
3611 ELECTRICAL MACH AND EQUIP-----	46,709	24,682	15,397	251	929	240	300	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	57,371	31,005	26,001	-----	365	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	714	70	276	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	735	400	276	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	11,825	739	10,943	-----	143	-----	17	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	3,311	1,711	1,308	66	74	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	17,060	10,515	1,531	4,608	406	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	13,951	99	7,137	-----	-----	6,715	-----	-----
4012 NONFERROUS METAL SCRAP-----	18,498	130	18,368	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	21,304	1,120	20,278	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	15,680	-----	15,680	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	44,346	3,137	4,882	34,726	39,251	1,700	1,710	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	15,173	-----	15,173	-----	-----	-----	-----	-----

SHIPYARD RIVER, S. C. (INCLUDED IN CHARLESTON HARBOR, S. C.)

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	888,850	1981-----	942,920
1977-----	1,106,719	1982-----	820,711
1978-----	879,748	1983-----	950,638
1979-----	922,055	1984-----	1,137,917
1980-----	865,425	1985-----	1,596,866

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	1,596,866	421,545	980,366	92,095	92	72,456	2,401	27,511
1051 ALUMINUM ORES, CONCENTRATES-----	10,107	10,107	-----	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	107,944	72,843	2,255	-----	-----	52,886	-----	-----
1121 COAL AND LIGNITE-----	972,007	-----	972,007	-----	-----	-----	-----	-----
1451 CLAY-----	61	-----	61	-----	-----	-----	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	3,307	3,307	-----	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	54,750	54,750	-----	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	34	34	-----	-----	-----	-----	-----	-----
2311 APPAREL-----	22	22	-----	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	172	172	-----	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	6	-----	6	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	6,607	-----	-----	6,607	-----	-----	-----	-----
2813 ALCOHOLS-----	9,887	9,887	-----	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	8,467	8,467	-----	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	111	-----	111	-----	-----	-----	-----	-----
2971 NITROGENOUS CHEM FERTILIZERS-----	33,157	33,157	-----	-----	-----	-----	-----	-----
2972 POTASSIC CHEM FERTILIZERS-----	76,132	76,132	-----	-----	-----	-----	-----	-----
2976 INSECTICIDES, DISINFECTANTS-----	42	-----	42	-----	-----	-----	-----	-----
2911 GASOLINE-----	45,878	-----	-----	21,945	-----	22,945	-----	1,734
2912 JET FUEL-----	1,656	-----	-----	-----	-----	1,656	-----	-----
2914 DISTILLATE FUEL OIL-----	6,156	-----	-----	6,156	-----	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	58,464	31,991	-----	-----	-----	-----	-----	26,473
2916 LUBRICATING OILS AND GREASES-----	57,427	-----	-----	57,427	-----	-----	-----	-----
2920 COKE, PETROLEUM-----	8,315	-----	-----	-----	-----	8,315	-----	-----
2921 RUBBER AND MISC PLASTIC PROD-----	13	13	-----	-----	-----	-----	-----	-----
3201 BUILDING CEMENT-----	120,404	120,404	-----	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	1	1	-----	-----	-----	-----	-----	-----
3312 SLAG-----	6,700	-----	-----	-----	-----	6,700	-----	-----
3318 FERROALLOYS-----	7,472	-----	3,071	-----	-----	-----	2,901	-----
3411 FABRICATED METAL PRODUCTS-----	136	48	-----	-----	92	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	18	5	13	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	124	124	-----	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	26	26	-----	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	59	59	-----	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	63	-----	63	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	737	-----	737	-----	-----	-----	-----	-----
TOTAL TON-MILES, 1,596,866.								

# CHARLESTON, SC, DISTRICT

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## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
ASHLEY RIVER, S. C. (INCLUDED IN CHARLESTON HARBOR, S. C.)--	2915 RESIDUAL FUEL OIL-----	202	1,212	482,100
EDISTO RIVER, S. C.,-----	NO COMMERCE REPORTED			
GREAT PEE DEE RIVER, S. C.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	16	155	-----
PORT ROYAL HARBOR, S. C.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	318	-----	-----
	1121 COAL AND LIGNITE-----	30,094	-----	-----
	1442 SAND, GRAVEL, CRUSHED ROCK-----	10,639	-----	-----
	1494 GYPSUM, CRUDE AND PLASTERS-----	25,248	-----	-----
	1499 NONMETALLIC MINERALS, NEC-----	48	-----	-----
	2081 ALCOHOLIC BEVERAGES-----	206	-----	-----
	2311 APPAREL-----	7	-----	-----
	2614 TIMBER, POSTS, POLES, PILING-----	198	-----	-----
	2421 LUMBER-----	18,224	-----	-----
	2431 VENEER, PLYWOOD, WORKED WOOD-----	698	-----	-----
	2491 WOOD MANUFACTURES, NEC-----	8	-----	-----
	2511 FURNITURE AND FIXTURES-----	10	-----	-----
	2631 PAPER AND PAPERBOARD-----	14,079	-----	-----
	2811 CRUDE TAR, OIL, GAS PRODUCTS-----	6	-----	-----
	2915 RESIDUAL FUEL OIL-----	567	-----	-----
	3011 RUBBER AND MISC PLASTIC PROD-----	3	-----	-----
	3251 STRUCTURAL CLAY PRODUCTS-----	1,332	-----	-----
	3317 IRON AND STEEL PIPE AND TUBE-----	15	-----	-----
	3318 FERROALLOYS-----	126	-----	-----
	3319 IRON AND STEEL PRODUCTS, NEC-----	2,341	-----	-----
	3322 COPPER ALLOYS, UNWORKED-----	1	-----	-----
	3324 ALUMINUM AND ALLOYS, UNWORKED-----	11,610	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	27	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	3	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	13	-----	-----
	4112 COMMODITIES, NEC-----	409	-----	-----
	TOTAL-----	116,217	-----	-----
Santee River, S. C.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	128	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	270	-----	-----
	TOTAL-----	398	29,850	-----
VILLAGE CREEK, S. C.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	64	-----	-----
WACCAMAH RIVER, N. C. AND S. C.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	77	2,079	364

## SAVANNAH, GA, DISTRICT

## SAVANNAH HARBOR, GEORGIA

SECTION INCLUDES: FROM THE 40-FOOT CONTOUR IN THE OCEAN TO THE CONTINENTAL CAN COMPANY PLANT, 32.15 MILES. CONTROLLING DEPTHS FOR VESSEL-CHANNEL, HALF PROJECT WIDTH, 40 FEET OVER THE BAR CHANNEL; THENCE 30 FEET TO THE GEORGIA PORTS AUTHORITY OCEAN TERMINAL; THENCE 30 FEET TO THE GEORGIA PORTS AUTHORITY GARDEN CITY TERMINAL; THENCE 36 FEET TO THE ATLANTIC CREBOTING COMPANY; AND 30 FEET TO THE CONTINENTAL CAN COMPANY PLANT. PROJECT DEPTHS: 40 FEET OVER THE BAR CHANNEL, 8.71 MILES; 36 FEET TO ABOVE GEORGIA PORTS AUTHORITY GARDEN CITY TERMINAL, 21.59 MILES; 36 FEET TO THE ATLANTIC CREBOTING COMPANY, 1.04 MILES; 30 FEET TO ABOVE CONTINENTAL CAN COMPANY, 1.33 MILES. NAVIGATION SEASONS: ENTIRE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	9,187,805	74,216	1981	12,747,866	72,290
1977	9,875,678	86,847	1982	10,975,740	69,134
1978	11,425,936	76,553	1983	10,616,367	95,603
1979	13,527,771	69,374	1984	11,245,604	97,184
1980	12,293,179	74,237	1985	11,326,451	119,360

## FREIGHT TRAFFIC, 1985

## (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL	11,326,551	5,203,891	4,036,906	1,205,471	415,254	43,569	147,792	113,660
0101 COTTON, RAW	12,058		12,058					
0103 CORN	11,451		11,451					
0105 RICE	4,089	303	3,786					
0106 SORGHUM GRAINS	160		160					
0107 WHEAT	213,206		213,206					
0111 SOYBEANS	272,749		272,749					
0119 OILSEEDS, NEC	40,210	529	39,681					
0121 TOBACCO, LEAF	8,469	3,574	5,291					
0129 FIELD CROPS, NEC	759	235	524					
0131 FRESH FRUITS	18,723	67	18,656					
0132 BANANAS AND PLANTAINS	3,223	3,223						
0133 COFFEE	25,687	23,856	596					1,235
0134 COCOA BEANS	483		123					
0141 FRESH AND FROZEN VEGETABLES	9,174	413	8,763					
0161 ANIMALS AND PRODUCTS, NEC	12,221	3,479	9,342					
0191 MISCELLANEOUS FARM PRODUCTS	5,083	1,366	3,717					
0841 CRUDE RUBBER AND ALLIED GUMS	83,811	82,940	871					
0861 FOREST PRODUCTS, NEC	11,667	7,274	4,389					
0911 FRESH FISH, EXCEPT SHELLFISH	6,936	6,527	409					
0912 SHELLFISH, EXCEPT PREPARED	2,713	1,850	863					
0931 MARINE SHELLS, UNMANUFACTURED	89	48	41					
1051 ALUMINUM ORES, CONCENTRATES	41,194	40,694	410					
1091 NONFERROUS ORES, CONCENT, NEC	24,426	20,626	3,800					
1121 COAL AND LIGNITE	1,103		1,103					
1311 CRUDE PETROLEUM	900,460	900,460						
1411 LIMESTONE	11,224	10,934	290					
1412 BUILDING STONE, UNWORKED	13,884		13,884					
1442 SAND, GRAVEL, CRUSHED ROCK	46,981	64,509	2,169		503			
1451 CLAY	1,149,598	1,207	1,148,391					
1491 SALT	3,051	2,746	305					
1492 SULPHUR, DRY	30		30					
1493 SULPHUR, LIQUID	10,000		10,000					
1494 GYPSUM, CRUDE AND PLASTERS	577,083	576,757	326					
1499 NONMETALLIC MINERALS, NEC	21,444	2,756	18,686		22			
1911 ORDNANCE AND ACCESSORIES	590	502	78					
2011 MEAT, FRESH, CHILLED, FROZEN	32,631	4,266	28,365					
2012 MEAT AND PRODUCTS, NEC	10,487	10,292	205					
2014 TALLOW, ANIMAL FATS AND OILS	89		89					
2015 ANIMAL BY-PRODUCTS, NEC	4,789	108	4,591					
2021 DAIRY PRODUCTS, NEC	630	279	351					
2022 DRIED MILK AND CREAM	13,382		13,382					
2031 FISH AND SHELLFISH, PREPARED	7,493	7,435	58					
2034 VEGETABLES AND PREP, NEC	36,141	32,518	3,623					
2039 PREP FRUIT AND VEG JUICE, NEC	68,915	34,004	34,911					
2041 WHEAT FLOUR AND SEMOLINA	7,540		7,540					
2042 ANIMAL FEEDS	22,952	594	22,352		5			
2049 GRAIN MILL PRODUCTS, NEC	29,273	2,225	27,048					
2061 SUGAR	526,693	416,494	55,971	54,224				
2062 MOLASSES	26,699	16,178	10,521					
2081 ALCOHOLIC BEVERAGES	67,077	63,006	3,771		300			
2091 VEGETABLE OILS, HARD, SHORT	62,621	14,964	47,343		514			
2092 ANIMAL OILS AND FATS, NEC	18		18					
2095 ICE	5,995	5,995						
2099 MISCELLANEOUS FOOD PRODUCTS	36,540	18,511	18,025		198			
2111 TOBACCO MANUFACTURES	2,750	855	1,895		1,200			1,476
2211 BASIC TEXTILE PRODUCTS	230,013	132,416	94,211		290			3,136
2212 TEXTILE FIBERS, NEC	2,555	2,230	317					
2311 APPAREL	24,949	23,705	1,744					
2311 LOSS	9,444	336	9,108					
2413 FUEL WOOD, CHANCAL, WASTES	406	9	807					
2414 TIMBER, POSTS, POLES, PILING	7,710		7,710					
2416 WOOD CHIPS, STAVES, HOLDINGS	123,321	25	123,296					
2421 LUMBER	176,508	94,467	81,946		45			
2431 VENEER, PLYWOOD, WORKED WOOD	53,724	49,794	3,935					
2491 WOOD MANUFACTURES, NEC	13,492	6,888	6,503		25			
2511 FURNITURE AND FIXTURES	54,439	51,383	2,901		46			
2611 PULP	512,305	77,493	433,400		42			826
2621 STANDARD NEWSPRINT PAPER	2,408	1,515	1,093					
2631 PAPER AND PAPERBOARD	377,539	25,645	320,833		181			30,004

## SAVANNAH, GA, DISTRICT

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SAVANNAH HARBOR, GEORGIA--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2691 PULP AND PAPER PRODUCTS, NEC-----	10,873	10,312	6,588	-----	17	-----	-----	-----
2711 PRINTED MATTER-----	3,900	1,508	2,396	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	7,000	-----	-----	-----	-----	4,900	2,100	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	4,050	4,045	5	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	473	-----	473	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	8,688	1,073	2,705	-----	4,910	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	947	3	948	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	18	-----	18	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	447,390	440,540	79,430	127,415	5	-----	-----	-----
2821 PLASTIC MATERIALS-----	166,492	24,967	137,485	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	10,296	1,363	8,933	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	75,415	0,430	66,985	-----	-----	-----	-----	-----
2831 DRUGS-----	4,262	2,177	2,023	-----	62	-----	-----	-----
2841 SOAP-----	10,203	1,463	9,708	-----	36	-----	-----	-----
2851 PAINTS-----	10,755	17,498	1,237	-----	20	-----	-----	-----
2861 GUM AND GUM CHEMICALS-----	144,608	6,022	138,585	-----	21	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	169,277	64,173	105,104	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	11,345	2,814	8,514	-----	17	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	1,716	989	556	-----	171	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	42,451	21,550	20,493	-----	-----	-----	-----	-----
2911 GASOLINE-----	610,440	83,052	240	530,529	-----	4,619	-----	-----
2912 JET FUEL-----	31,849	-----	8,549	-----	-----	-----	23,300	-----
2914 DISTILLATE FUEL OIL-----	325,939	50,420	267,110	-----	-----	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	341,816	61,475	137,090	-----	-----	24,685	4,000	113,660
2916 LUBRICATING OILS AND GREASES-----	41,339	384	3,317	37,638	-----	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	3,334	1,113	76	2,145	-----	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	540,853	132,465	265	16,290	389,924	-----	2,900	-----
2920 COKE, PETROLEUM COKE-----	598	-----	597	-----	11	-----	-----	-----
2921 LIQUEFIED GASES-----	84	-----	84	-----	-----	-----	-----	-----
2941 ASPHALT BUILDING MATERIALS-----	1,212	-----	1,212	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	2,261	1,771	490	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	76,262	67,064	9,179	-----	19	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	20,435	18,585	1,850	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	10,562	10,330	7,597	-----	635	-----	-----	-----
3241 BUILDING CEMENT-----	158,432	74,366	146	83,880	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	27,747	20,648	7,066	-----	31	-----	-----	-----
3271 LIME-----	13	11	2	-----	-----	-----	-----	-----
3291 CUT STONE AND STONE PRODUCTS-----	16,716	16,379	337	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	27,435	23,329	4,105	-----	1	-----	-----	-----
3311 PIG IRON-----	6,272	6,272	-----	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	5,088	5,088	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	456,898	402,883	874	-----	-----	43,141	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	7,112	5,939	1,173	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	129,426	127,943	1,483	-----	-----	-----	-----	-----
3318 FERRIALLOYS-----	4,106	1,882	2,224	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	17,529	16,132	1,397	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	3,214	2,278	936	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	55,854	52,299	3,555	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	156	1	110	-----	45	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	25,214	20,165	5,049	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	167,455	154,064	12,651	-----	640	-----	100	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	207,915	173,813	33,907	-----	195	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	103,680	88,170	10,429	-----	47	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	63,669	55,866	7,803	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	109	48	139	-----	1	-----	11	-----
3731 SHIPS AND BOATS-----	2,427	2,147	280	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1,185	388	662	-----	135	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	7,735	6,544	1,191	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	48,167	48,947	3,220	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	42,280	111	17,087	-----	20	-----	25,062	-----
4012 NONFERROUS METAL SCRAP-----	81,548	60,037	21,511	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	29,904	52	29,852	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	24,002	210	84,304	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	58,552	22,482	12,479	-----	17,362	5,029	1,200	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	3,489	-----	3,489	-----	-----	-----	-----	-----
TOTAL TON-MILES, 222,357,661.								

ATLANTIC INTRACOSTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)SECTION INCLUDED: PORT ROYAL SOUND, S. C., INCLUDES CUMBERLAND SOUND. CONTROLLING DEPTH: 8 FEET OR GREATER. PROJECT DEPTH: 12 FEET.  
NAVIGATION SEASON: ENTIRE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	1,067,671	48,470	1981-----	878,915	30,997
1977-----	975,078	43,206	1982-----	884,410	11,878
1978-----	926,702	46,782	1983-----	861,043	11,502
1979-----	816,504	25,960	1984-----	632,575	15,199
1980-----	844,659	33,734	1985-----	612,795	10,078

ATLANTIC INTRACASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)--CONTINUED

## FREIGHT TRAFFIC, 1985

## OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		NORTHBOUND	SOUTHBOUND
TOTAL-----	3,812	3,552	260
3411 FABRICATED METAL PRODUCTS-----	560	560	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,122	1,862	260
3731 SHIPS AND BOATS-----	180	180	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	950	950	-----
TON-MILES, OCEANGOING, 619,544.			

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	THROUGH			THROUGH		
			NORTHBOUND	NORTHBOUND	NORTHBOUND	SOUTHBOUND	SOUTHBOUND	SOUTHBOUND
TOTAL-----	608,943	263	1,528	688	407,348	1,507	497	222
3133 COFFEE-----	2,411	-----	-----	-----	-----	-----	-----	2,411
3911 FRESH FISH, EXCEPT SHELLFISH-----	2,880	1	88	1	-----	12	149	2,616
3912 SHELLFISH, EXCEPT PREPARED-----	6,278	262	588	687	-----	1,875	348	2,711
2095 ICE-----	2,142	-----	-----	-----	2,142	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	3,176	-----	-----	-----	1,976	-----	-----	1,200
2211 BASIC TEXTILE PRODUCTS-----	3,136	-----	-----	-----	-----	-----	-----	3,136
2611 PULP-----	49,779	-----	-----	-----	49,779	-----	-----	-----
2631 PAPER AND PAPERMAKING-----	30,908	-----	-----	-----	30,908	-----	-----	-----
2910 SODIUM HYDROXIDE-----	16,900	-----	-----	-----	5,600	-----	-----	41,300
2911 GASOLINE-----	27,554	-----	-----	-----	27,554	-----	-----	-----
2912 JET FUEL-----	24,996	-----	-----	-----	24,996	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	4,621	-----	-----	-----	4,621	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	226,640	-----	-----	-----	206,875	-----	-----	20,165
2918 ASPHALT, TAR, AND BITUMENS-----	2,909	-----	-----	-----	2,909	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	800	-----	800	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, ETC SHEET-----	122,372	-----	-----	-----	18,818	-----	-----	103,554
3411 FABRICATED METAL PRODUCTS-----	100	-----	100	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	33	-----	-----	-----	-----	-----	-----	33
3721 AIRCRAFT AND PARTS-----	11	-----	-----	-----	11	-----	-----	-----
3731 SHIPS AND BOATS-----	10	-----	-----	-----	-----	-----	-----	10
4011 IRON AND STEEL SCRAP-----	25,062	-----	-----	-----	10,359	-----	-----	14,703
4112 COMMODITIES, NEC-----	6,229	-----	-----	-----	1,200	-----	-----	5,029
TON-MILES, INTERNAL, 44,901,459.								
TONS, ALL TRAFFIC, 612,755.								
TON-MILES, ALL TRAFFIC, 45,521,003.								

## BRUNSWICK HARBOR, GEORGIA

SECTION INCLUDED: FROM 32-FOOT CONTOUR IN THE OCEAN ACROSS THE BAR THROUGH ST. SIMON SOUND, BRUNSWICK RIVER, AND TURTLE RIVER TO THE UPPER END OF THE ALLIED CHEMICAL COMPANY'S WHARF, FORMERLY ATLANTIC REFINING COMPANY WHARF, 20.4 MILES; FROM BRUNSWICK RIVER THROUGH EAST RIVER, TO THE UPPER END OF THE PROJECT IN ACADEMY CREEK, 2.7 MILES; FROM ST. SIMON SOUND THROUGH RACK RIVER TO MILL CREEK, THE UPPER END OF BACK RIVER IMPROVEMENT, 2.9 MILES; FROM RACK RIVER THROUGH TERRY CREEK TO THE GLYNN CANNING COMPANY'S WHARF, 1.8 MILES; A TOTAL DISTANCE OF 27.8 MILES. CONTROLLING DEPTH: 31 FEET OVER THE BAR; 28 FEET THROUGH ST. SIMON SOUND, BRUNSWICK RIVER, AND EAST RIVER TO THE FOOT OF SECOND AVENUE (CITY OF BRUNSWICK); 25 FEET IN EAST RIVER FROM SECOND AVENUE TO THE CONFLUENCE WITH ACADEMY CREEK; AND 28 FEET TO ALLIED CHEMICAL COMPANY'S WHARF (TURTLE RIVER), 12 FEET IN ACADEMY CREEK, AND 3.0 FEET IN BACK RIVER, TERRY CREEK 3 FEET. PROJECT DEPTH: 32 FEET OVER THE BAR; 30 FEET IN BRUNSWICK, TURTLE, AND EAST RIVERS TO THE FOOT OF SECOND AVENUE; AND 27 FEET FROM SECOND AVENUE TO ACADEMY CREEK; 24 FEET IN ACADEMY CREEK; 20 FEET IN RACK RIVER, AND 10 FEET IN TERRY CREEK. NAVIGATION REASON: ENTIRE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1976-----	1,685,817	4,124	127,478	1981-----	1,462,505	-----	217,792
1977-----	1,744,797	227	144,899	1982-----	1,567,546	137	159,558
1978-----	1,829,165	190	72,354	1983-----	1,615,880	-----	193,367
1979-----	1,643,869	-----	141,876	1984-----	1,669,665	8	115,625
1980-----	1,463,584	284	145,087	1985-----	1,577,459	-----	151,026

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS
TOTAL-----	1,577,459	1,069,137	207,902	5,390	181,311	113,799
0105 RICE-----	5	-----	5	-----	-----	-----



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FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWIDE		INTERNAL
				RECEIPTS	RECEIPTS	SHIPMENTS
0119 OILSEEDS, NEC.....	850		850			
0121 TOBACCO, LEAF.....		43				
0132 BANANAS AND PLANTAINS.....	4,584	4,584				
0911 FRESH FISH, EXCEPT SHELLFISH.....	57					
0912 SHELLFISH, EXCEPT PREPARED.....	75					75
1051 ALUMINUM ORES, CONCENTRATES.....	97					
1091 NONFERROUS ORES, CONCENT., NEC.....	881		881			
1402 SAND, GRAVEL, CRUSHED ROCK.....	31,472	27,952	3,520			
1451 CLAY.....	168,151	162,560	5,591			
1471 PHOSPHATE ROCK.....	6,197	6,197				
1491 SODIUM, CRUDE AL., PLASTER.....	405,807	405,807				
2011 WHEAT, FRESH, CHILLED.....	356,523	356,523				
2012 WHEAT AND PRODUCTS, NEC.....	30		15			
2031 FISH AND SHELLFISH, PREPARED.....	3		3			
2034 VEGETABLES AND PREP, NEC.....	1		1			
2039 PREP FRUIT AND VEG JUICE, NEC.....	32	25	7			
2042 ANIMAL FEEDS.....	68,620		68,620			
2049 GRAIN MILL PRODUCTS, NEC.....	13,290		13,290			
2081 ALCOHOLIC BEVERAGES.....	124	124				
2091 VEGETABLE OILS, MARG, SHORT.....	6		6			
2099 MISCELLANEOUS FOOD PRODUCTS.....	25		25			
2211 BASIC TEXTILE PRODUCTS.....	87	85	2			
2411 LUMBER.....	3,627		3,627			
2421 LUGS.....	4,545	4,128	417			
2431 VENEER, PLYWOOD, HORNED ANHD.....	63		13			
2491 WOOD MANUFACTURES, NEC.....	1		1			
2511 FURNITURE AND FIXTURES.....	50	47	3			
2611 PULP.....	172,235		183,276			68,950
2631 PAPER AND PAPERBOARD.....	3,543		3,543			
2691 PULP AND PAPER PRODUCTS, NEC.....	46	45	1			
2711 PRINTED MATTER.....	49	48				
2810 SODIUM HYDROXIDE.....	45,500				700	44,800
2911 CRUDE TAR, OIL, GAS PRODUCTS.....	22	22				
2916 RADIOACTIVE MATERIALS, WASTES.....	252		252			
2919 BASIC CHEMICALS AND PROD, NEC.....	7,941		2,541	5,358		
3021 PLASTIC MATERIALS.....	68					
3022 SYNTHETIC RUBBER.....	32		32			
3041 SOAP.....	318	85	233			
3051 PAINTS.....	4,477	4,476	1			
3061 GUM AND WOOD CHEMICALS.....	7		7			
3072 POTASSIC CHEM FERTILIZERS.....	91,488	91,488	50			
3091 MISCELLANEOUS CHEMICAL PROD.....	3,347	3,340	7			
3094 DISTILLATE FUEL OIL.....	4,621				4,621	
3095 RESIDUAL FUEL OIL.....	152,130				152,130	
3096 LUBRICATING OILS AND GREASES.....	71	5	46			
3099 ASPHALT, TAR, AND BITUMENS.....	4		4			
3201 LUBRICATED GASES.....	76		26			
3251 ASPHALT BUILDING MATERIALS.....	13		13			
3011 RUBBER AND MISC PLASTIC PROD.....	316	46	270			
3241 BUILDING CEMENT.....	195		195			
3251 STRUCTURAL CLAY PRODUCTS.....	1		1			
3291 MISC NONMETALLIC MINERAL PROD.....	405	9	396			
3315 IRON, STEEL SHAPES, EXC SHEET.....	23,784	43	13		23,728	
3316 IRON AND STEEL PLATES, SHEETS.....	1		1			
3317 IRON AND STEEL PIPE AND TUB.....	2		2			
3319 IRON AND STEEL PRODUCTS, NEC.....	73	64	5			
3321 NONFERROUS METALS, NEC.....	3		3			
3324 ALUMINUM AND ALLOYS, UNWORKED.....	22	22				
3325 FABRICATED METAL PRODUCTS.....	11		11			
3329 MACHINERY, EXCEPT ELECTRICAL.....	958	94	51			
3611 ELECTRICAL MACH AND EQUIP.....	26	14	12			
3711 MOTOR VEHICLES, PARTS, EQUIP.....	155	10	145			
3731 SHIPS AND BOATS.....	3		3			
3791 MISC TRANSPORTATION EQUIPMENT.....	27		22			
3811 INSTANT, TIME, PHOTO, OPT GOODS.....	2	2				
3911 MISC MANUFACTURED PRODUCTS.....	22					
4112 COMMODITIES, NEC.....	71	53	18			
TOTAL COMMODITIES.....	13,066,695					

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
ALTAHAMA RIVER, GA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	71	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	8	-----	-----
	TOTAL-----	79	9,168	-----
DARIEN HARBOR, GA.-----	NO COMMERCE REPORTED			
SATILLA RIVER, GA.-----	0012 SHELLFISH, EXCEPT PREPARED-----	221	-----	-----
SAVANNAH RIVER BELOW AUGUSTA, GA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	172	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	152	-----	-----
	TOTAL-----	324	47,724	706
ST. MARYS RIVER, GA. AND FLA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	1	-----	-----
	2915 RESIDUAL FUEL OIL-----	34,149	-----	-----
	TOTAL-----	34,150	137,842	-----

# JACKSONVILLE, FL, DISTRICT

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ATLANTIC INTRACASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (JACKSONVILLE DISTRICT)

SECTION INCLUDED: FERNANDINA HARBOR, FLA., TO ST. JOHNS RIVER, 21.9 MILES. CONTROLLING DEPTH: VASSAU SOUND 6.0 FEET AND 5.0 FEET.  
PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	869,486	1981-----	716,945
1977-----	848,503	1982-----	561,518
1978-----	739,772	1983-----	559,472
1979-----	675,061	1984-----	426,202
1980-----	756,748	1985-----	470,479

## FREIGHT TRAFFIC, 1985

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		NORTHBOUND	INTERNAL				TOTAL
		THROUGH			THROUGH	THROUGH	THROUGH	THROUGH	
		NORTHBOUND	SOUTHBOUND						
TOTAL-----	470,659	3,552	260	1,242	81,687	3,384	236,206	46,649	97,479
0133 COFFEE-----	2,411								2,411
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,616							2,616	
0912 SHELLFISH, EXCEPT PREPARED-----	2,733							2,733	
2095 ICE-----	2,142					2,142			
2810 SODIUM HYDROXIDE-----	41,300							41,300	
2911 GASOLINE-----	27,554						27,554		
2912 JET FUEL-----	1,656						1,656		
2914 DISTILLATE FUEL OIL-----	4,621						4,621		
2915 RESIDUAL FUEL OIL-----	246,442			1,242	81,687	1,242	201,575		406
3201 MISC NONMETALLIC MINERAL PROD-----	400						400		
3315 IRON, STEEL SHAPES, EXC SHEET-----	70,426								70,426
3511 FABRICATED METAL PRODUCTS-----	560		560						
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,150		1,862	260					31
3711 SHIPS AND BOATS-----	100		100						10
3701 MISC TRANSPORTATION EQUIPMENT-----	950		950						
4011 IRON AND STEEL SCRAP-----	14,703								14,703

TOTAL TON-MILES, 10,478,477.

## JACKSONVILLE HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO THE FLORIDA EAST COAST RAILWAY BRIDGE AT JACKSONVILLE, 26.8 MILES. CONTROLLING DEPTH: 36 FEET.  
ATLANTIC OCEAN TO TERMINAL CHANNEL, MILE 20, EXCEPT FOR SHOALS IN THE OUTSIDE QUARTER; THENCE 30 FEET, TERMINAL CHANNEL, MILE 20 TO  
COMMODORE POINT (HART BRIDGE), EXCEPT FOR SHOALS IN THE OUTSIDE QUARTER. PROJECT DEPTH: 42 FEET; 8. NAVY ENTRANCE BAR CUT TO INTER-  
SECTION THE NAVY'S NAVYPORT ENTRANCE CHANNEL, THENCE CIVIL PROJECT DEPTH OF 36 FEET TO TERMINAL CHANNEL (MILE 20), THENCE 34 FEET TO  
COMMODORE POINT (HART BRIDGE), THEN 30 FEET TO FLORIDA EAST COAST RAILWAY BRIDGE. LENGTH OF PROJECT IS ABOUT 26.8 MILES. THE CIVIL  
PROJECT DEPTH OF 44' CUT IS 36 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	14,397,951	3,304	1981-----	15,443,690	200
1977-----	15,108,032	4,492	1982-----	12,707,273	302
1978-----	15,712,493	2,172	1983-----	11,760,221	
1979-----	15,278,098		1984-----	11,449,955	
1980-----	15,644,000		1985-----	11,332,178	

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	11,332,178	3,339,553	1,586,163	4,076,630	990,305	90,522	510,986	722,009
0101 COTTON, RAW-----	30		14		22			
0103 CORN-----	45	12	33					
0105 RICE-----	293		293					
0107 WHEAT-----	33,533		33,533					
0119 GILBEEDS, NEC-----	31,531		31,531					
0121 TOBACCO, LEAF-----	624	531	93					
0122 HAY AND FODDER-----	13				13			
0129 FIELD CROPS, NEC-----	29		29					
0131 FRESH FRUITS-----	18,264	225	17,959	69				
0132 BANANAS AND PLANTAINS-----	36,419	36,419						
0133 COFFEE-----	41,892	70,299	99	85		2,411		
0134 COCOA BEANS-----	3,072	3,072						
0141 FRESH AND FROZEN VEGETABLES-----	9,974	720	4,400	746	4,400			
0151 LIVE ANIMALS-----	7		7					
0161 ANIMALS AND PRODUCTS, NEC-----	1,271	50	363		858			
0191 MISCELLANEOUS FARM PRODUCTS-----	9,189	61	2,400	823	5,045			
0801 CRUDY RUBBER AND ALL'EC GUMS-----	201	86		15	100			

JACKSONVILLE HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
0801 FOREST PRODUCTS, NEC-----	302	203	99	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	992	827	165	-----	23	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	3,762	2,129	94	-----	-----	1,539	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	7	4	3	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	11,400	-----	-----	-----	11,400	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	219	48	171	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT., NEC-----	9,188	-----	3,938	-----	5,250	-----	-----	-----
1121 COAL AND LIGNITE-----	14	-----	14	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	127,803	127,799	4	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	897	91	231	-----	575	-----	-----	-----
1451 CLAY-----	14,275	306	12,889	-----	1,120	-----	-----	-----
1471 PHOSPHATE ROCK-----	86,679	-----	86,679	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	21	-----	12	9	-----	-----	-----	-----
1499 GYPSUM, CRUDE AND PLASTERS-----	981,265	981,152	91	-----	22	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	302	-----	185	-----	117	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	49	49	-----	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	24,893	624	2,444	-----	21,825	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	6,933	3,612	131	-----	3,190	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	72	-----	72	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	594	23	262	309	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	744	74	1	17	672	-----	-----	-----
2022 DRIED MILK AND CREAM-----	724	167	208	-----	349	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	1,724	1,698	26	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	10,411	10,034	336	-----	41	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	27,602	17,890	4,050	17	1,645	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	754	-----	-----	-----	758	-----	-----	-----
2042 ANIMAL FEEDS-----	1,884	2	1,882	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	4,394	1,344	2,809	174	67	-----	-----	-----
2061 SUGAR-----	346	-----	306	-----	80	-----	-----	-----
2062 MOLASSES-----	3,747	-----	12	780	2,966	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	37,453	34,454	2,355	176	464	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	1,629	336	849	-----	822	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	82	82	-----	-----	-----	-----	-----	-----
2094 GROCERIES-----	9,619	-----	-----	-----	9,619	-----	-----	-----
2095 ICE-----	6,032	2,134	-----	-----	-----	-----	3,898	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	269,198	6,885	4,701	97,980	160,032	-----	-----	-----
2111 TOROCCO MANUFACTURES-----	490	-----	221	38	240	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	14,644	3,779	5,262	336	5,267	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	67	-----	-----	-----	67	-----	-----	-----
2311 APPAREL-----	4,793	451	34	2,149	5,915	-----	-----	-----
2411 LOGS-----	46	-----	46	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	277	-----	15	-----	262	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	2,932	-----	2,910	-----	22	-----	-----	-----
2421 LUMBER-----	173,674	140,224	12,450	-----	20,600	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	734	2	527	-----	205	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	7,079	457	2,812	25	3,784	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	14,752	3,657	564	960	13,571	-----	-----	-----
2611 PULP-----	74,172	-----	74,131	-----	41	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	3,228	2,790	-----	-----	432	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	125,675	6,350	114,807	-----	4,518	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	55,551	156	1,828	458	53,109	-----	-----	-----
2711 PRINTED MATTER-----	956	108	41	-----	809	-----	-----	-----
2810 SODIUM HYDROXIDE-----	22,106	-----	-----	22,106	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	11,910	11,910	-----	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	50	-----	50	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	10,160	560	29	6,550	21	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	106,849	7,774	30,182	15,850	55,059	-----	-----	-----
2821 PLASTIC MATERIALS-----	4,191	1,673	987	-----	1,531	-----	-----	-----
2822 SYNTHETIC RUBBER-----	252	-----	252	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,935	195	450	-----	1,290	-----	-----	-----
2831 DRUGS-----	697	45	144	-----	508	-----	-----	-----
2841 SOAP-----	6,794	4,091	1,111	-----	1,692	-----	-----	-----
2851 PAINTS-----	2,595	115	302	-----	2,178	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	30,894	-----	11,812	18,917	75	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	40	13	31	-----	-----	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	681,919	-----	681,919	-----	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	63,193	-----	63,193	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	2,062	462	1,049	-----	111	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	239,384	35	239,349	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	8,972	2,174	6,224	17	549	-----	-----	-----
2911 GASOLINE-----	2,175,307	116,565	23	2,004,101	-----	27,544	23,044	-----
2912 JET FUEL-----	358,484	-----	-----	144,976	-----	3,312	210,236	-----
2913 KEROSENE-----	12,244	12,244	-----	-----	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	1,214,294	222,123	-----	835,842	-----	8,621	151,767	-----
2915 RESIDUAL FUEL OIL-----	1,757,466	415,272	-----	532,714	13,658	464,295	327,497	-----
2916 LUBRICATING OILS AND GREASES-----	15,477	5,150	102	6,377	1,848	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	127,452	8,933	-----	118,499	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	26	-----	26	-----	-----	-----	-----	-----
2991 ASPHALT BUILDING MATERIALS-----	111	-----	111	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	694	71	4	-----	623	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	31,164	6,629	1,287	852	22,270	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	3,393	515	29	2,582	267	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	5,876	1,362	1,401	11	3,102	-----	-----	-----
3241 BUILDING CEMENT-----	399,649	265,719	100	133,874	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	6,475	5,110	509	-----	456	-----	-----	-----
3291 CUT STONE AND STONE PRODUCTS-----	2,321	2,243	13	34	31	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	20,348	2,064	827	711	146	7,000	9,600	-----
3311 PIG IRON-----	66	-----	-----	-----	-----	-----	-----	-----
3312 SLAG-----	1	-----	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	145,101	64,595	23	-----	657	79,876	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	1,314	1,133	162	-----	10	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	2,652	2,119	114	-----	415	-----	-----	-----
3318 FERROALLOYS-----	1,647	1,647	-----	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	10,098	3,947	134	1,524	4,489	-----	-----	-----

## JACKSONVILLE, FL, DISTRICT

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JACKSONVILLE HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
3321 NONFERROUS METALS, NEC-----	584	50	24	-----	510	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	499	472	4	-----	23	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	548	548	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	5,601	3,517	772	-----	1,312	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	60,472	27,480	1,804	2,513	24,675	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	54,632	28,617	5,711	485	19,746	33	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	9,356	2,359	2,140	641	8,216	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	704,856	637,276	42,762	-----	24,818	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	38	8	34	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	35,998	320	35,360	3	305	10	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	158	-----	104	-----	54	-----	-----	-----
3811 INSTN, TIME, PHOTO, OPT GOODS-----	10,375	112	86	10,032	145	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	4,291	756	623	1,302	1,610	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	15,056	-----	353	-----	14,703	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	2,237	65	2,172	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	246	43	203	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	14,592	-----	14,569	-----	23	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	9,747	-----	-----	4,588	15	-----	5,228	-----
4112 COMMODITIES, NEC-----	550,413	1,317	1,297	99,904	456,895	-----	-----	-----
4119 EMPTY CONTAINERS-----	486	-----	-----	-----	486	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	1	-----	1	-----	-----	-----	-----	-----
TOTAL TON-MILES, 222,477,497.								

CANAVERAL HARBOR, FLA.

SECTION INCLUDED: ENTRANCE CHANNEL (ATLANTIC OCEAN) TO BARRIER BEACH INNER CHANNEL AND TURNING BASINS, THENCE A BARGE CANAL THROUGH A LOCK IN THE PERIMETER DIKE AND CONTINUING TO THE INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI. CONTROLLING DEPTH: 43 FEET IN ENTRANCE CHANNEL CUT-1A AND CUT-1, THENCE 41 FEET IN INNER CHANNEL CUT-2 TO BARRIER BEACH, THENCE 36 FEET IN INNER CHANNEL TO CIVIL TURNING BASIN OF 29 FEET, CONTINUING ALONG BARGE CANAL OF 4 FEET. PROJECT DEPTHS: 40 FEET IN THE U. S. NAVY ENTRANCE CHANNEL (ATLANTIC OCEAN) TO BARRIER BEACH INNER CHANNEL INTERSECTION NAVY'S TRIDENT ACCESS CHANNEL, THENCE 43 FEET FOR 0.13 MILE, THENCE 36 FEET TO CIVIL TURNING BASIN OF 35 FEET AND CONTINUING ALONG BARGE CANAL OF 12 FEET. LENGTH OF PROJECT IS ABOUT 15.4 MILES. THE CIVIL PROJECT DEPTH OF ENTRANCE CHANNEL TO BARRIER BEACH INNER CHANNEL IS 37 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	1,078,775	1981-----	2,574,634
1977-----	2,807,463	1982-----	2,536,985
1978-----	3,434,024	1983-----	2,265,751
1979-----	3,473,243	1984-----	2,606,224
1980-----	2,706,932	1985-----	2,258,215

\* PASSENGERS--27,473.

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL	
						RECEIPTS	SHIPMENTS
TOTAL-----	2,258,215	1,463,342	104,227	507,700	5,470	173,306	-----
0119 OILSEEDS, NEC-----	295	-----	295	-----	-----	-----	-----
0131 FRESH FRUITS-----	5,219	-----	5,219	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,087	21	-----	-----	-----	1,066	-----
0912 SHELLFISH, EXCEPT PREPARED-----	1,631	796	-----	-----	-----	1,335	-----
1451 CLAY-----	1	-----	1	-----	-----	-----	-----
1491 SALT-----	40,587	40,580	7	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	22	-----	22	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	57,150	57,150	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	11	-----	11	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	667	-----	667	-----	-----	-----	-----
2095 ICE-----	3,424	-----	-----	-----	-----	-----	3,424
2099 MISCELLANEOUS FOOD PRODUCTS-----	33	33	-----	-----	-----	-----	-----
2311 APPAREL-----	2	-----	-----	-----	-----	-----	-----
2421 LUMBER-----	39,845	39,843	2	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	3	-----	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	139,147	139,147	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	2,914	2,918	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	2	-----	2	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	36	36	-----	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	1,050	1,047	3	-----	-----	-----	-----
2841 SOAP-----	3,519	3,519	-----	-----	-----	-----	-----
2851 PAINTS-----	39	39	-----	-----	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	212	-----	212	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	7	-----	7	-----	-----	-----	-----
2911 GASOLINE-----	243,554	100,591	-----	142,963	-----	-----	-----
2912 JET FUEL-----	7,587	3,480	-----	4,027	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	172,296	54,841	-----	114,346	3,069	-----	-----
2913 RESIDUAL FUEL OIL-----	340,059	37,112	-----	191,945	-----	-----	169,962
2918 ASPHALT, TAR, AND BITUMENS-----	204,192	180,721	-----	23,471	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	1	-----	1	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	10	10	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	746,698	746,740	-----	30,958	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	25,839	25,839	-----	-----	-----	-----	-----

## Waterborne Commerce of the United States, 1985

CANAVARAL HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS
3291 MISC NONMETALLIC MINERAL PROD-----	3		3			
3315 IRON, STEEL SHAPES, EXC SHEET-----	5,038	5,038				
3319 IRON AND STEEL PRODUCTS, NEC-----	20	20				
3411 FABRICATED METAL PRODUCTS-----	5,242	5,241				
3511 MACHINERY, EXCEPT ELECTRICAL-----	157		157			
3611 ELECTRICAL MACH AND EQUIP-----	4		4			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	69	66	23			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2		2			
3911 MISC MANUFACTURED PRODUCTS-----	1		1			
4011 IRON AND STEEL SCRAP-----	101,573		101,573			
4112 COMMODITIES, NEC-----	43		43			
TOTAL TON-MILES, 4,333,440.						

PALM BEACH HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO PORT OF PALM BEACH TERMINALS, 1.7 MILES; LAKE NORTH FROM RIVIERA BRIDGE TO SOUTHERN BOULEVARD BRIDGE AT WEST PALM BEACH, 7.5 MILES; AND "PALM BEACH, FLA., SIDE CHANNEL AND BASIN," CONTROLLING DEPTH: 33 FEET, OCEAN TO TURNING BASIN AT PORT OF PALM BEACH TERMINALS, AND 29 FEET IN TURNING BASIN EXCEPT FOR SHOALS IN THE OUTSIDE QUARTERS; 12 FEET IN CHANNEL THROUGH LAKE NORTH; AND 3.5 FEET IN PALM BEACH SIDE CHANNEL AND BASIN. PROJECT DEPTH: 35 FEET PLUS OVERDEPTH IN ENTRANCE CHANNEL FROM OCEAN MERGING WITH AN INNER CHANNEL 33 FEET DEEP TO AND INCLUDING TURNING BASIN AT PORT OF PALM BEACH TERMINALS.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	1,026,085	4,194	1981-----	2,232,902	955
1977-----	881,978	779	1982-----	1,696,237	433
1978-----	730,022	1,366	1983-----	2,384,469	141
1979-----	1,094,760		1984-----	2,103,626	317
1980-----	1,624,561	434	1985-----	2,001,550	351

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,001,550	730,215	849,705	332,807	326,160	1,447	491	100
0102 BARLEY AND RYE-----	11		11					
0103 CORN-----	117		117					
0104 OATS-----	701		701					
0105 RICE-----	9,354		9,354					
0106 SORGHUM GRAINS-----	1,015		1,015					
0111 SOYBEANS-----	2		2					
0119 OILSEEDS, NEC-----	580	289	291					
0121 TOBACCO, LEAF-----	906	790	158					
0129 FIELD CROPS, NEC-----	273	129	153					
0131 FRESH FRUITS-----	5,474	1,794	3,680					
0132 BANANAS AND PLANTAINS-----	3,645	3,613	32					
0133 COFFEE-----	11,676	11,579	104					
0136 COCOA BEANS-----	234	234						
0141 FRESH AND FROZEN VEGETABLES-----	26,707	12,292	14,415					
0151 LIVE ANIMALS-----	14		14					
0161 ANIMALS AND PRODUCTS, NEC-----	906	33	913					
0191 MISCELLANEOUS FARM PRODUCTS-----	2,809	2,264	505					
0801 CRUDE RUBBER AND ALLIED GUMS-----	287		287					
0861 FOREST PRODUCTS, NEC-----	1,164	31	1,137					
0911 FRESH FISH, EXCEPT SHELLFISH-----	769	191	212			366		
0912 SHELLFISH, EXCEPT PREPARED-----	4,200	5,820	10			366		
0931 MARINE SHELLS, UNMANUFACTURED-----	22	14	4					
1011 IRON ORE AND CONCENTRATES-----	81		81					
1051 ALUMINUM ORES, CONCENTRATES-----	262	64	217					
1091 NONFERROUS ORES, CONCENT, NEC-----	12	3	9					
1121 COAL AND LIGNITE-----	107		107					
1341 CRUDE PETROLEUM-----	395		395					
1411 Limestone-----	91		91					
1412 BUILDING STONE, UNWORKED-----	352		352					
1442 SAND, GRAVEL, CRUSHED ROCK-----	610		610					
1451 CLAY-----	1,025		1,025					
1471 PHOSPHATE ROCK-----	624		624					
1491 SALT-----	113		113					
1492 SULPHUR, DRY-----	103		103					
1494 GYPSUM, CRUDE AND PLASTER-----	127		127					
1499 NONMETALLIC MINERALS, NEC-----	1,363		1,363					
1911 ORDNANCE AND ACCESSORIES-----	51		51					
2011 MEAT, FRESH, CHILLED, FROZEN-----	31,568	14,895	16,673					
2012 MEAT AND PRODUCTS, NEC-----	4,017	39	3,978					
2014 TALLOW, ANIMAL FATS AND OIL-----	311		311					
2015 ANIMAL BY-PRODUCTS, NEC-----	127		127					
2021 DAIRY PRODUCTS, NEC-----	2,145	6	2,179					
2022 DRIED MILK AND CREAM-----	7,348	113	7,275					
2031 FISH AND SHELLFISH, PREPARED-----	1,151	406	746					
2034 VEGETABLES AND PREP, NEC-----	5,944	895	5,049					
2039 PREP FRUIT AND VEG JUICE, NEC-----	33,342	24,247	9,095					

## JACKSONVILLE, FL, DISTRICT

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PALM BEACH HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2041 WHEAT FLOUR AND SEMOLINA-----	2,300		2,300					
2042 ANIMAL FEEDS-----	30,650		30,650					
2049 GRAIN MILL PRODUCTS, NEC-----	15,253	11	15,242					
2061 SUGAR-----	333,232				326,366			
2062 MOLASSES-----	103,818		103,818					
2081 ALCOHOLIC BEVERAGES-----	33,443	2,950	30,493					
2081 VEGETABLE OILS, MARG, SHORT-----	3,140	2	3,071					
2082 ANIMAL OILS AND FATS, NEC-----	10							
2095 ICE-----	433	42					391	
2099 MISCELLANEOUS FOOD PRODUCTS-----	60,630	743	59,885					
2111 TOBACCO MANUFACTURES-----	456	66	390					
2211 BASIC TEXTILE PRODUCTS-----	13,129	2,549	10,580					
2212 TEXTILE FIBERS, NEC-----	19		19					
2311 APPAREL-----	5,342	2,239	3,103					
2411 LOGS-----	897		897					
2413 FUEL WOOD, CHARCOAL, WASTES-----	104	21	83					
2414 TIMBER, POSTS, POLES, PILING-----	479	37	442					
2415 PULPWOOD, LOGS-----	421		421					
2416 WOOD CHIPS, STAVES, HOLDINGS-----	20	20						
2421 LUMBER-----	12,258	1,249	11,009					
2431 VENEER, PLYWOOD, WORKED WOOD-----	6,350	2,591	3,759					
2491 WOOD MANUFACTURES, NEC-----	9,605	2,472	6,133					
2511 FURNITURE AND FIXTURES-----	3,776		3,596					
2611 PULP-----	2,302		2,302					
2621 STANDARD NEWSPRINT PAPER-----	429		429					
2631 PAPER AND PAPERBOARD-----	11,403	61	11,342					
2691 PULP AND PAPER PRODUCTS, NEC-----	6,729	72	6,657					
2711 PRINTED MATTER-----	1,934	2	1,932					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	79		79					
2812 DYES, PIGMENT, TANNING MATS-----	272		272					
2813 ALCOHOLS-----	1,258		1,258					
2814 RADIOACTIVE MATERIALS, WASTES-----	69		69					
2817 BENZENE AND TOLUENE-----	171		171					
2819 BASIC CHEMICALS AND PROD, NEC-----	21,254	366	20,888					
2821 PLASTIC MATERIALS-----	8,152	3	8,149					
2822 SYNTHETIC RUBBER-----	212		212					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,926		2,926					
2831 DRUGS-----	2,230	62	2,176					
2841 SOAP-----	9,294	2,490	6,804					
2851 PAINTS-----	2,204	4	2,200					
2861 GUM AND WOOD CHEMICALS-----	618		618					
2871 NITROGENOUS CHEM FERTILIZERS-----	158		158					
2872 POTASSIC CHEM FERTILIZERS-----	466		466					
2873 PHOSPHATIC CHEM FERTILIZERS-----	226		226					
2876 INSECTICIDES, DISINFECTANTS-----	509	27	482					
2879 FERTILIZER AND MATERIALS, NEC-----	1,024		1,024					
2891 MISCELLANEOUS CHEMICAL PROD-----	5,644	168	5,476					
2911 GASOLINE-----	270		270					
2913 KEROSENE-----	150		150					
2914 DISTILLATE FUEL OIL-----	56,092	27,567	28,525					
2915 RESIDUAL FUEL OIL-----	321,940	17,499	304,441					
2916 LUBRICATING OIL AND GREASES-----	1,808		1,808					
2917 NAPHTHA, PETROLEUM SOLVENTS-----	15		15					
2918 ASPHALT, TAR, AND BITUMENS-----	2,695	1,546	1,149					
2920 COKE, PETROLEUM COKE-----	30		30					
2921 LIQUEFIED GASES-----	1,607		1,607					
2951 ASPHALT BUILDING MATERIALS-----	2,223		2,223					
2991 PETROLEUM AND COAL PROD, NEC-----	371		371					
3011 RUBBER AND MISC PLASTIC PROD-----	7,823	639	7,193					
3111 LEATHER AND LEATHER PRODUCTS-----	954	123	831					
3211 GLASS AND GLASS PRODUCTS-----	5,462	63	5,399					
3241 BUILDING CEMENT-----	566,422	562,914	3,508					
3251 STRUCTURAL CLAY PRODUCTS-----	10,229	6,714	3,515					
3271 LIME-----	304		304					
3281 CUT STONE AND STONE PRODUCTS-----	530	283	247					
3291 MISC NONMETALLIC MINERAL PROD-----	6,275	1,615	4,660		200	200		
3314 IRON AND STEEL PRIMARY FORMS-----	4		4					
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,652	1	1,651					
3316 IRON AND STEEL PLATES, SHEETS-----	544		544					
3317 IRON AND STEEL PIPE AND TUBE-----	914	275	639					
3319 IRON AND STEEL PRODUCTS, NEC-----	594		594					
3321 NONFERROUS METALS, NEC-----	716		716					
3322 COPPER ALLOYS, UNWORKED-----	629		629					
3323 LEAD AND ZINC, UNWORKED-----	67		67					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,390	105	1,285					
3411 FABRICATED METAL PRODUCTS-----	19,556	565	18,991					
3511 MACHINERY, EXCEPT ELECTRICAL-----	20,860	3,948	16,912			500	300	100
3611 ELECTRICAL MACH AND EQUIP-----	12,671	81	12,590					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	9,723	3,798	5,925					
3721 AIRCRAFT AND PARTS-----	42	1	41					
3731 SHIPS AND BOATS-----	551	153	398					
3791 MISC TRANSPORTATION EQUIPMENT-----	742	1	741					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	854	34	820					
3911 MISC MANUFACTURED PRODUCTS-----	2,493	547	1,946					
4011 IRON AND STEEL SCRAP-----	517	515	2					
4012 NONFERROUS METAL SCRAP-----	551	506	45					
4022 TEXTILE WASTE, SCRAP, SHEEP-----	305		305					
4024 PAPER WASTE AND SCRAP-----	3,101	261	2,840					
4112 COMMODITIES, NEC-----	19,882	1,725	18,157					
9999 DEPARTMENT OF DEFENSE AND SCT-----	32		32					
TOTAL TON-MILES-----	4,088,046							

## PORT EVERGLADES HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO TERMINALS AT PORT EVERGLADES, 1.7 MILES; SECTION OF INTRACOASTAL WATERWAY, LOS OLAS BOULEVARD BRIDGE, FORT LAUDERDALE, FLA., TO WASHINGTON STREET, HOLLYWOOD, FLA., 8.7 MILES; DANIA CUT-OFF CANAL, 6 MILES; AND "NEW RIVER, FLA." PROJECT, 7.9 MILES. CONTROLLING DEPTHS: 45 FEET IN ENTRANCE CHANNEL; 42 FEET THROUGH TURNING BASIN TO MAIN SLIP AT PORT EVERGLADES; 10 FEET IN INTRACOASTAL WATERWAY SECTION; 8 FEET IN NEW RIVER IN 1956, AND 6.5 IN DANIA CUT-OFF CANAL. PROJECT DEPTHS: 45 FEET, ATLANTIC OCEAN TO STATION 41 CONVERGING TO 42 FEET AT STATION 51, THENCE 42 TO 31 FEET TO AND INCLUDING PORTIONS OF TURNING BASIN AT PORT EVERGLADES TERMINAL, AND 8 FEET IN NEW RIVER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	12,020,700	1,028,101	1981-----	12,031,182	1,157,000
1977-----	11,828,434	1,029,595	1982-----	11,447,530	982,952
1978-----	11,943,825	1,268,749	1983-----	11,463,317	914,080
1979-----	13,030,616	1,000,000	1984-----	11,422,277	766,740
1980-----	13,247,691	988,000	1985-----	11,444,403	812,274

## FREIGHT TRAFFIC, 1985

## (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	11,648,543	2,729,527	275,626	8,078,518	552,650	8,103	4,119
0101 COTTON, RAW-----	55	-----	55	-----	-----	-----	-----
0102 BARLEY AND RYE-----	61	-----	61	-----	-----	-----	-----
0103 CORN-----	36,729	-----	36,729	-----	-----	-----	-----
0105 RICE-----	461	2	459	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	1	-----	1	-----	-----	-----	-----
0107 WHEAT-----	75	75	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	1,290	1,045	254	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	1,367	788	599	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	427	320	107	-----	-----	-----	-----
0131 FRESH FRUITS-----	1,347	559	788	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	176	68	108	-----	-----	-----	-----
0133 COFFEE-----	18,311	17,328	983	-----	-----	-----	-----
0134 COCOA BEANS-----	533	533	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	10,948	4,264	2,644	-----	-----	-----	-----
0151 LIVE ANIMALS-----	33	33	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	726	410	314	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	559	395	164	-----	-----	-----	-----
0241 CRUDE RUBBER AND ALLIED GUMS-----	184	71	117	-----	-----	-----	-----
0461 FOREST PRODUCTS, NEC-----	1,261	1,184	73	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	927	914	13	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	974	822	156	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	46	42	4	-----	-----	-----	-----
1051 ALUMINUM DRES, CONCENTRATED-----	57	-----	57	-----	-----	-----	-----
1091 NONFERROUS DRES, CONCENT, NEC-----	67	-----	67	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	525,144	14	-----	10,242	492,898	-----	-----
1411 LIMESTONE-----	64	-----	64	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	75	-----	75	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,374	2,778	596	-----	-----	-----	-----
1451 CLAY-----	671	2	669	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	254	-----	254	-----	-----	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	64	64	-----	-----	-----	-----	-----
1491 SALT-----	631	106	525	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	84,628	84,284	344	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	349	25	324	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	324	320	4	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	20,315	15,094	5,217	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	5,312	5,017	295	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	453	-----	453	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	750	634	116	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	11,495	7,230	4,265	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	18,474	17,090	1,424	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	981	854	123	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	5,069	4,644	425	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	18,242	10,174	8,068	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	352	-----	352	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	2,054	193	1,861	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	7,925	6,958	967	-----	-----	-----	-----
2061 SUGAR-----	7,051	5,667	1,384	-----	-----	-----	-----
2062 MOLASSES-----	21	-----	21	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	133,796	131,633	2,153	-----	-----	-----	-----
2091 VEGETABLE OILS, VARG, SHORT-----	3,173	1,201	1,972	-----	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	21	-----	21	-----	-----	-----	-----
2095 ICE-----	9,720	9,720	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	10,439	10,667	5,772	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	213	164	49	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	5,217	2,400	2,417	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	134	-----	134	-----	-----	-----	-----
2311 APPAREL-----	672	359	311	-----	-----	-----	-----
2411 LOGS-----	3,684	29	3,655	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	32	4	24	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	249	14	231	-----	-----	-----	-----
2421 LUMBER-----	136,461	131,449	5,012	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,474	642	1,787	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	3,031	674	2,353	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	10,873	10,000	873	-----	-----	-----	-----
2611 PULP-----	5,511	-----	5,511	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	70,540	64,946	614	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	21,033	9,404	11,625	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	3,751	914	2,837	-----	-----	-----	-----
2711 PRINTED MATTER-----	725	600	125	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	215	126	89	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	35	-----	35	-----	-----	-----	-----



## JACKSONVILLE, FL, DISTRICT

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PORT EVERGLADES HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
2813 ALCOHOLS-----	7,094	258	1,624	5,212			
2817 BENZENE AND TOLUENE-----	244		244				
2819 BASIC CHEMICALS AND PROD, NEC-----	13,442	4,538	8,904				
2821 PLASTIC MATERIALS-----	5,725	1,296	2,429				
2822 SYNTHETIC RUBBER-----	71		71				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	660	0	651				
2831 DRUGS-----	4,022	3,418	604				
2841 SOAP-----	6,209	3,587	2,622				
2851 PAINTS-----	4,511	3,820	691				
2861 GUM AND GUMMED CHEMICALS-----	58	2	56				
2871 NITROGENOUS CHEM FERTILIZERS-----	723	82	641				
2872 POTASSIC CHEM FERTILIZERS-----	77		77				
2876 INSECTICIDES, DISINFECTANTS-----	5,277	3,598	1,679				
2879 FERTILIZER AND MATERIALS, NEC-----	1,301	728	573				
2891 MISCELLANEOUS CHEMICAL PROD-----	51,974	49,124	2,850				
2911 GASOLINE-----	5,559,529	133,536	1,451	5,418,017	6,525		
2912 JET FUEL-----	1,468,379	576,648		891,735			
2913 KEROSENE-----	7						
2914 DISTILLATE FUEL OIL-----	1,517,534	233,292		1,273,980	6,141	1,052	3,049
2915 RESIDUAL FUEL OIL-----	502,021	121,061		332,930	40,551	6,420	1,050
2916 LUBRICATING OILS AND GREASES-----	2,759	1,564	1,195				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,171		79	1,092			
2918 ASPHALT, TAR, AND BITUMENS-----	221,989	166,165	4,207	45,072	6,545		
2921 LIQUEFIED GASES-----	72,169		0	71,529		631	
2951 ASPHALT BUILDING MATERIALS-----	670		670				
2991 PETROLEUM AND COAL PROD, NEC-----	50	3	47				
3011 RUBBER AND MISC PLASTIC PROD-----	8,589	6,516	2,073				
3111 LEATHER AND LEATHER PRODUCTS-----	979	723	256				
3211 GLASS AND GLASS PRODUCTS-----	7,563	5,508	2,055				
3241 BUILDING CEMENT-----	603,000	590,181	4,119	4,770			
3251 STRUCTURAL CLAY PRODUCTS-----	25,961	26,660	1,301				
3271 LIME-----	80		80				
3281 CHY STONE AND STONE PRODUCTS-----	12,397	12,255	142				
3291 MISC NONMETALLIC MINERAL PROD-----	5,556	2,011	3,545				
3314 IRON AND STEEL PRIMARY FORMS-----	11		11				
3315 IRON, STEEL SHAPES, EXC SHEET-----	130,026	129,074	1,348				
3316 IRON AND STEEL PLATES, SHEETS-----	1,958	1,106	852				
3317 IRON AND STEEL PIPE AND TUBE-----	3,434	2,638	796				
3318 FERROALLOYS-----	41	41					
3319 IRON AND STEEL PRODUCTS, NEC-----	5,436	5,740	96				
3321 NONFERROUS METALS, NEC-----	197	81	116				
3322 COPPER ALLOYS, UNWORKED-----	413	350	63				
3323 LEAD AND ZINC, UNWORKED-----	186	137	49				
3329 ALUMINUM AND ALLOYS, UNWORKED-----	4,880	4,247	633				
3411 FABRICATED METAL PRODUCTS-----	23,817	19,573	4,244				
3511 MACHINERY, EXCEPT ELECTRICAL-----	20,807	17,162	3,265				
3611 ELECTRICAL MACH AND EQUIP-----	6,275	3,401	2,874				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	9,285	5,226	4,059				
3721 AIRCRAFT AND PARTS-----	21	17	4				
3731 SHIPS AND BOATS-----	2,289	1,611	678				
3791 MISC TRANSPORTATION EQUIPMENT-----	224	17	211				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	561	370	191				
3911 MISC MANUFACTURED PRODUCTS-----	2,928	1,938	990				
4011 IRON AND STEEL SCRAP-----	68,585	798	67,587				
4012 NONFERROUS METAL SCRAP-----	2,858	294	2,654				
4022 TEXTILE WASTE, SCRAP, WHEEP-----	146		146				
4024 PAPER WASTE AND SCRAP-----	17,691		17,691				
4112 COMMODITIES, NEC-----	18,256	14,633	3,623				
9999 DEPARTMENT OF DEFENSE AND SCI-----	22		22				
TOTAL TON-MILES-----	22,893,672						

## MIAMI HARBOR, FLA.

SECTION INCLUDES: ATLANTIC OCEAN TO INNER END OF TURNING BASIN AT MIAMI, 4 MILES; MELOY CHANNEL AND THENCE NATURAL CHANNELS ALONG THE EASTERLY SIDE OF BISCAYNE BAY TO RAKERS MAULOVER INLET, FLA., ABOUT 11 MILES; CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER, 1.1 MILES; EXISTING FLORIDA EAST COAST RAILWAY CHANNEL, FISHERMANS CHANNEL FROM MOUTH OF MIAMI RIVER TO GOVERNMENT CUT, 3.8 MILES; AND THE CHANNELS REPORTED UNDER "MIAMI RIVER, FLA." CONTROLLING DEPTHS: 36 FEET IN MIDDLE HALF OF ENTRANCE CHANNEL AND TURNING BASIN; ABOUT 19 FEET IN MELOY CHANNEL, AND THENCE 6.5 FEET IN NATURAL CHANNELS ALONG EASTERLY SIDE OF BISCAYNE BAY TO RAKERS MAULOVER INLET; ABOUT 12 FEET IN CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER; AND 6.5 FEET IN FLORIDA EAST COAST RAILWAY CHANNEL; AND THE DEPTHS REPORTED UNDER "MIAMI RIVER, FLA." PROJECT DEPTHS: 36 FEET IN ENTRANCE CHANNEL, TO REACH LINE THENCE 36 FEET TO AND INCLUDING TURNING BASIN AT MIAMI; 15 FEET IN CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER; THE CHANNELS REPORTED UNDER "MIAMI RIVER, FLA." AND 4 FEET IN FLORIDA EAST COAST RAILWAY CHANNEL.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	3,708,755	1,641,111	1981-----	3,626,026	809,072
1977-----	3,504,543	1,553,982	1982-----	3,160,063	866,000
1978-----	3,667,050	1,368,580	1983-----	3,651,093	802,000
1979-----	3,376,771	812,440	1984-----	3,443,001	602,000
1980-----	3,929,394	817,446	1985-----	3,254,256	626,372

## Waterborne Commerce of the United States, 1985

MIAMI HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	3,254,256	1,373,518	1,149,178	329,749	390,911	3,458	7,442
0101 COTTON, RAW-----	263		263				
0102 BARLEY AND RYE-----	23		23				
0103 CORN-----	1,942		1,942				
0104 OATS-----	172		172				
0105 RICE-----	10,450	99	10,350				
0106 SORGHUM GRAINS-----	1,667		1,667				
0107 WHEAT-----	78		78				
0111 SOYBEANS-----	346		346				
0119 OILSEEDS, NEC-----	2,370	1,671	699				
0121 TOBACCO, LEAF-----	6,876	6,138	738				
0129 FIELD CROPS, NEC-----	1,437	342	1,095				
0131 FRESH FRUITS-----	8,206	2,573	5,633				
0132 BANANAS AND PLANTAINS-----	73,739	73,737	2				
0133 COFFEE-----	106,460	101,469	2,564	2,623			
0134 COCOA BEANS-----	2,349	2,149	200				
0141 FRESH AND FROZEN VEGETABLES-----	50,025	20,730	27,967	597	721		
0151 LIVE ANIMALS-----	49		49				
0161 ANIMALS AND PRODUCTS, NEC-----	1,898	764	1,130				
0191 MISCELLANEOUS FARM PRODUCTS-----	4,442	3,063	1,379				
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,751	335	1,416				
0861 FOREST PRODUCTS, NEC-----	1,221	903	266	20	12		
0911 FRESH FISH, EXCEPT SHELLFISH-----	5,333	2,992	612			1,720	
0912 SHELLFISH, EXCEPT PREPARED-----	23,672	22,451	477	85		659	
0931 MARINE SHELLS, UNMANUFACTURED-----	715	700	15				
1011 IRON ORE AND CONCENTRATES-----	17		17				
1051 ALUMINUM ORES, CONCENTRATES-----	314	22	294				
1091 NONFERROUS ORES, CONCENT, NEC-----	201	17	184				
1121 COAL AND LIGNITE-----	38		38				
1411 LIMESTONE-----	221		221				
1412 BUILDING STONE, UNWORKED-----	723		723				
1442 SAND, GRAVEL, CRUSHED ROCK-----	5,034	2,448	2,586				
1451 CLAY-----	6,734	71	6,663	14			
1471 PHOSPHATE ROCK-----	1,331		1,331				
1491 SALT-----	273		267				
1492 SULPHUR, DRY-----	239		239				
1494 GYPSUM, CRUDE AND PLASTERS-----	277		277				
1499 NONMETALLIC MINERALS, NEC-----	4,882	42	4,755				
1911 ORNANCE AND ACCESSORIES-----	1,355	491	864				
2011 MEAT, FRESH, CHILLED, FROZEN-----	55,580	24,972	27,292	1,075	2,241		
2012 MEAT AND PRODUCTS, NEC-----	4,731	1,939	3,833				
2014 TALLOW, ANIMAL FATS AND OILS-----	14,714		14,430		284		
2015 ANIMAL BY-PRODUCTS, NEC-----	1,039	23	1,015				
2021 DAIRY PRODUCTS, NEC-----	7,222	1,926	4,364		932		
2022 DRIED MILK AND CREAM-----	15,982	298	15,684				
2031 FISH AND SHELLFISH, PREPARED-----	13,518	19,300	3,060	78			
2034 VEGETABLES AND PREP, NEC-----	24,970	18,308	6,662				
2039 PREP FRUIT AND VEG JUICE, NEC-----	59,594	41,232	16,977	41	1,344		
2041 WHEAT FLOUR AND SEMOLINA-----	3,301		3,301				
2042 ANIMAL FEEDS-----	11,060	155	10,762		143		
2049 GRAIN MILL PRODUCTS, NEC-----	24,041	3,936	20,105				
2061 SUGAR-----	7,968	284	7,684				
2062 MOLASSES-----	1,481		1,466	1,315			
2081 ALCOHOLIC BEVERAGES-----	73,936	51,581	22,355				
2091 VEGETABLE OILS, MARG, SHORT-----	12,388	2,120	10,231		37		
2092 ANIMAL OILS AND FATS, NEC-----	60		41				
2094 GROCERIES-----	21				21		
2095 ICE-----	2,317	1,451					466
2099 MISCELLANEOUS FOOD PRODUCTS-----	48,360	9,729	35,072	114	3,445		
2111 TOBACCO MANUFACTURES-----	2,804	83	2,721				
2211 BASIC TEXTILE PRODUCTS-----	57,414	18,850	38,080	84			
2212 TEXTILE FIBERS, NEC-----	152		152				
2311 APPAREL-----	32,822	14,478	17,986	8			
2411 LOGS-----	902	112	790				
2413 FUEL WOOD, CHARCOAL, WASTES-----	394	39	364				
2414 TIMBER, POSTS, POLES, PILING-----	3,144	1,391	1,773				
2416 WOOD CHIPS, STAVES, MOLDINGS-----	88		88				
2421 LUMBER-----	44,816	25,468	21,336		0		
2431 VENEER, PLYWOOD, WORKED WOOD-----	18,306	9,078	8,409		19		
2491 WOOD MANUFACTURES, NEC-----	18,701	5,076	12,025				
2511 FURNITURE AND FIXTURES-----	27,355	17,160	9,953		642		
2611 PULP-----	3,371	604	2,763				
2621 STANDARD NEWSPRINT PAPER-----	70,324	67,237	1,653		1,434		
2631 PAPER AND PAPERBOARD-----	66,271	19,451	46,817	3			
2691 PULP AND PAPER PRODUCTS, NEC-----	22,042	3,814	18,572		506		
2711 PRINTED MATTER-----	11,032	1,219	9,812	1			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	372	64	308				
2812 DYES, PIGMENT, TANNING MATS-----	622		622				
2813 ALCOHOLS-----	1,013	179	1,634				
2814 RADIOACTIVE MATERIALS, WASTES-----	112		112				
2817 BENZENE AND TOLUENE-----	465		465				
2819 BASIC CHEMICALS AND PROD, NEC-----	36,131	5,377	30,349		585		
2821 PLASTIC MATERIALS-----	27,043	4,567	23,216				
2822 SYNTHETIC RUBBER-----	1,953		1,953				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	9,125	604	7,742	6	673		
2831 DRUGS-----	10,243	220	10,023				
2841 SOAP-----	17,064	2,864	14,270	22	500		
2851 PAINTS-----	8,943	1,023	6,212		860		
2861 GUM AND WOOD CHEMICALS-----	533	2	531				
2871 NITROGENOUS CHEM FERTILIZERS-----	6,542	5,004	1,540				
2872 PHOSPHORIC CHEM FERTILIZERS-----	549	3	546				
2873 PHOSPHATIC CHEM FERTILIZERS-----	640		640				
2874 INSECTICIDES, DISINFECTANTS-----	6,460	680	5,771				

# JACKSONVILLE, FL, DISTRICT

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MIAMI HARBOR, FLA.--CONTINUED  
FREIGHT TRAFFIC, 1985--CONTINUED

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
2079 FERTILIZER AND MATERIALS, NEC	2,153	272	1,081				
2091 MISCELLANEOUS CHEMICAL PROD	21,178	3,696	17,383		88		
2011 GASOLINE	212		212				
2012 JET FUEL	8,461	8,461					
2013 KEROSENE	44		44				
2014 DISTILLATE FUEL OIL	57,420	37,375	230	14,944	3,819		1,052
2015 RESIDUAL FUEL OIL	866,469	285,332	14	296,347	279,808	1,050	5,924
2016 LUBRICATING OILS AND GREASES	8,246	85	7,757		408		
2017 NAPHTHA, PETROLEUM SOLVENTS	100		100				
2018 ASPHALT, TAR, AND BITUMENS	25,792	24,683	1,099				
2020 COKE, PETROLEUM COKE	35		35				
2021 LIQUEFIED GASES	543	31	512				
2051 ASPHALT BUILDING MATERIALS	6,517		6,517				
2091 PETROLEUM AND COAL PROD, NEC	191	2	189				
3011 RUBBER AND MISC PLASTIC PROD	74,604	15,006	58,566	3	1,829		
3111 LEATHER AND LEATHER PRODUCTS	14,084	9,387	4,697				
3211 GLASS AND GLASS PRODUCTS	32,037	17,436	14,666		135		
4241 OUTLITING CEMENT	32,417	30,099	2,250		68		
4251 STRUCTURAL CLAY PRODUCTS	110,434	103,452	7,355		27		
4271 LIME	316	22	294				
4281 CUT STONE AND STONE PRODUCTS	42,639	42,315	324				
4291 MISC NONMETALLIC MINERAL PROD	31,483	17,253	14,190				
5311 PIG IRON	3		3				
5314 IRON AND STEEL PRIMARY FORMS	141		141				
5315 IRON, STEEL SHAPES, EXC SHEET	6,226	4,029	2,107		90		
5316 IRON AND STEEL PLATES, SHEETS	4,802	1,102	3,574		126		
5317 IRON AND STEEL PIPE AND TUBE	4,028	1,595	3,228		27		
5318 FERROALLOYS	103		103				
5319 IRON AND STEEL PRODUCTS, NEC	3,834	2,744	1,070				
5321 NONFERROUS METALS, NEC	2,504	138	2,335	14	17		
5322 COPPER ALLOYS, UNWORKED	4,276	6,107	2,169				
5323 LEAD AND ZINC, UNWORKED	1,287	899	355		33		
5324 ALUMINUM AND ALLOYS, UNWORKED	20,202	15,314	4,340		548		
5411 FABRICATED METAL PRODUCTS	73,894	33,036	40,602	3	253		
5511 MACHINERY, EXCEPT ELECTRICAL	103,575	22,435	80,592	10	518	20	
5611 ELECTRICAL WARE AND EQUIP	83,296	25,702	57,197	113	288		
5711 MOTOR VEHICLES, PARTS, EQUIP	48,291	10,270	37,988	7	26		
5721 AIRCRAFT AND PARTS	361	10	351				
5731 SHIPS AND BOATS	7,638	5,214	2,424				
5791 MISC TRANSPORTATION EQUIPMENT	13,195	11	3,954		9,246		
5811 INSTA, TIME, PHOTO, OPT GOODS	7,478	3,613	3,824	37			
5911 MISC MANUFACTURED PRODUCTS	27,868	14,902	11,905	272	765		
6011 IRON AND STEEL SCRAP	58,572	39	58,533				
6012 NONFERROUS METAL SCRAP	10,550	4,994	5,542	14			
6022 TEXTILE WASTE, SCRAP, SWEEP	3,238		3,238				
6024 PAPER WASTE AND SCRAP	74,785		74,785				
6112 COMMODITIES, NEC	128,875	6,491	30,830	13,229	78,375		
9000 DEPARTMENT OF DEFENSE AND SCI	366		366				
TOTAL TONNAGES	14,567,471						

MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF  
MIAMI HARBOR, FLA.)

SECTION INCLUDES MOUTH TO U. S. 36TH STREET BRIDGE, 5.5 MILES, CONTROLLING DEPTH: 14.7 FEET AT MEAN LOW WATER FROM MOUTH TO MIAMI CANAL, AND THENCE TO 0.5 FEET TO U. S. 36TH STREET BRIDGE, 1.5 MILES. PROJECT DEPTH: 15 FEET UNDER FLOOD CONDITIONS FROM MOUTH TO A POINT 5.5 MILES UPSTREAM.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	293,840	357,547	1981	412,707	404,536
1977	339,001	400,000	1982	445,803	400,000
1978	324,943	400,000	1983	412,424	380,000
1979	368,458	400,000	1984	513,434	301,000
1980	394,391	405,409	1985	466,132	626,000

## FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	INTERNAL	
				RECEIPTS	SHIPMENTS
TOTAL	466,132	131,433	331,025	2,408	466
0101 COTTON, RAW	261		261		
0102 BARLEY AND RYE	23		23		
0103 CORN	189		189		
0104 OATS	12		12		
0105 RICE	7,491		7,491		
0106 SORGHUM GRAINS	20		20		
0107 WHEAT	78		78		
0110 WILDERNS, NEC	145		145		
0121 TOBACCO, LEAF	233	89	184		
0129 FIELD CROPS, NEC	135		135		

## Waterborne Commerce of the United States, 1985

MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF  
MIAMI HARBOR, FLA.)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
0131 FRESH FRUITS-----	578	19	559		
0132 BANANAS AND PLANTAINS-----	64,031	64,029	2		
0133 COFFEES-----	1,001	971	30		
0134 COCOA BEANS-----	77	77			
0141 FRESH AND FROZEN VEGETABLES-----	7,447	1,071	6,376		
0151 LIVE ANIMALS-----	3		3		
0161 ANIMALS AND PRODUCTS, NEC-----	516	16	500		
0191 MISCELLANEOUS FARM PRODUCTS-----	1,055	39	1,016		
0841 CRUDE RUBBER AND ALLIED GUMS-----	35		35		
0961 FOREST PRODUCTS, NEC-----	92	3	89		
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,054	272	1,782		
0912 SHELLFISH, EXCEPT PREPARED-----	3,698	2,902	696		
0931 MARINE SMELLS, UNMANUFACTURED-----	18	18			
1051 ALUMINUM DRES, CONCENTRATES-----	4		4		
1121 COAL AND LIGNITE-----	25		25		
1412 BUILDING STONE, UNWORKED-----	255		255		
1422 SAND, GRAVEL, CRUSHED ROCK-----	777	149	628		
1451 CLAY-----	2,515	59	2,456		
1471 PHOSPHATE ROCK-----	306		306		
1491 SALT-----	61		61		
1492 SULPHUR, DRY-----	1		1		
1494 GYPSUM, CRUDE AND PLASTERS-----	42		42		
1499 NONMETALLIC MINERALS, NEC-----	1,453	23	1,430		
1911 PROMANCE AND ACCESSORIES-----	102		102		
2011 MEAT, FRESH, CHILLED, FROZEN-----	5,344	103	5,241		
2012 MEAT AND PRODUCTS, NEC-----	1,490		1,490		
2014 TALLOW, ANIMAL FATS AND OILS-----	8,859		8,859		
2015 ANIMAL BY-PRODUCTS, NEC-----	114	7	107		
2021 DAIRY PRODUCTS, NEC-----	1,692	21	1,671		
2022 DRIED MILK AND CREAM-----	7,295	42	7,253		
2031 FISH AND SHELLFISH, PREPARED-----	1,361	82	1,279		
2034 VEGETABLES AND PROD, NEC-----	1,648	242	1,406		
2039 PREP FRUIT AND VEG JUICE, NEC-----	5,987	729	4,758		
2041 WHEAT FLOUR AND SEMOLINA-----	1,798		1,798		
2042 ANIMAL FEEDS-----	4,880	2	4,878		
2049 GRAIN MILL PRODUCTS, NEC-----	9,803	151	9,653		
2061 SUGAR-----	3,191		3,191		
2062 MOLASSES-----	157		157		
2081 ALCOHOLIC BEVERAGES-----	12,421	104	12,317		
2091 VEGETABLE OILS, MARG, SHORT-----	5,194		5,194		
2092 ANIMAL OILS AND FATS, NEC-----	10		10		
2095 ICE-----	466				466
2099 MISCELLANEOUS FOOD PRODUCTS-----	14,189	527	13,662		
2111 TOBACCO MANUFACTURES-----	622	12	610		
2211 BASIC TEXTILE PRODUCTS-----	9,927	1,905	7,982		
2212 TEXTILE FIBERS, NEC-----	16		16		
2311 APPAREL-----	16,281	6,284	9,995		
2411 LOGS-----	514	110	404		
2413 FUEL WOOD, CHARCOAL, WASTES-----	171		171		
2414 TIMBER, POSTS, POLES, PILING-----	2,414	1,061	1,353		
2421 LUMBER-----	15,434	724	14,710		
2431 VEVEER, PLYWOOD, WORKED WOOD-----	7,451	1,045	6,406		
2491 WOOD MANUFACTURES, NEC-----	7,632	249	7,383		
2511 FURNITURE AND FIXTURES-----	4,713	292	4,421		
2611 PULP-----	11		11		
2621 STANDARD NEWSPRINT PAPER-----	201		201		
2631 PAPER AND PAPERBOARD-----	10,339	353	9,986		
2691 PULP AND PAPER PRODUCTS, NEC-----	7,396	1,496	5,900		
2711 PRINTED MATTER-----	1,267	9	1,253		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	94		94		
2812 DYES, PIGMENT, TANNING MATS-----	68		68		
2813 ALCOHOLS-----	296		296		
2816 RADIOACTIVE MATERIALS, WASTES-----	12		12		
2817 BENZENE AND TOLUENE-----	136		136		
2819 BASIC CHEMICALS AND PROD, NEC-----	5,770	3	5,767		
2821 PLASTIC MATERIALS-----	2,549	2	2,547		
2822 SYNTHETIC RUBBER-----	20		20		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	153		153		
2831 DRUGS-----	4,843	2	4,841		
2841 SOAP-----	5,090	245	4,845		
2851 PAINTS-----	2,261	46	2,195		
2861 GUM AND WOOD CHEMICALS-----	24		24		
2871 NITROGENOUS CHEM FERTILIZERS-----	643		643		
2872 POTASSIC CHEM FERTILIZERS-----	301		301		
2876 INSECTICIDES, DISINFECTANTS-----	627		627		
2879 FERTILIZER AND MATERIALS, NEC-----	627		627		
2891 MISCELLANEOUS CHEMICAL PROD-----	3,124	180	2,944		
2911 GASOLINE-----	18		18		
2913 KEROSENE-----	9		9		
2914 DISTILLATE FUEL OIL-----	85		85		
2915 RESIDUAL FUEL OIL-----	16		16		
2916 LUBRICATING OILS AND GREASES-----	3,188		3,188		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	6		6		
2918 ASPHALT, TAR, AND PITCHES-----	10,064	9,621	443		
2920 COKE, PETROLEUM COKE-----	22		22		
2921 LIQUEFIED GASES-----	33		33		
2951 ASPHALT BUILDING MATERIALS-----	4,865		4,865		
2991 PETROLEUM AND COAL PROD, NEC-----	17		17		
3011 RUBBER AND MISC PLASTIC PROD-----	6,349	85	6,264		
3111 LEATHER AND LEATHER PRODUCTS-----	1,677		1,677		
3211 GLASS AND GLASS PRODUCTS-----	3,181	582	2,599		
3241 BUILDING CEMENT-----	30,395	29,024	1,371		
3251 STRUCTURAL CLAY PRODUCTS-----	4,968	1,243	3,685		

## JACKSONVILLE, FL, DISTRICT

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MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF  
MIAMI HARBOR, FLA.)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
3271 LIME-----	289		289		
3281 CUT STONE AND STONE PRODUCTS-----	206	186	60		
3291 MISC NONMETALLIC MINERAL PROD-----	7,627	867	6,760		
3314 IRON AND STEEL PRIMARY FORMS-----	63		63		
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,148		1,148		
3316 IRON AND STEEL PLATES, SHEETS-----	1,828		1,828		
3317 IRON AND STEEL PIPE AND TUBE-----	1,363		1,363		
3318 FERROALLOYS-----	18		18		
3319 IRON AND STEEL PRODUCTS, NEC-----	344		344		
3321 NONFERROUS METALS, NEC-----	954	9	945		
3322 COPPER ALLOYS, UNWORKED-----	269		269		
3323 LEAD AND ZINC, UNWORKED-----	131		131		
3324 ALUMINUM AND ALLOYS, UNWORKED-----	635	173	460		
3411 FABRICATED METAL PRODUCTS-----	13,333	665	12,668		
3511 MACHINERY, EXCEPT ELECTRICAL-----	11,404	93	11,295	20	
3611 ELECTRICAL MACH AND EQUIP-----	15,906	512	15,398		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	7,731	59	7,672		
3721 AIRCRAFT AND PARTS-----	33		33		
3731 SHIPS AND BOATS-----	866	5	861		
3791 MISC TRANSPORTATION EQUIPMENT-----	710		710		
3811 INSTR, TIME, PHOTO, OPT GOODS-----	778	37	741		
3911 MISC MANUFACTURED PRODUCTS-----	2,492	448	2,048		
4011 IRON AND STEEL SCRAP-----	9,796		9,796		
4012 NONFERROUS METAL SCRAP-----	432	409	23		
4022 TEXTILE WASTE, SCRAP, SHEEP-----	1,488		1,488		
4024 PAPER WASTE AND SCRAP-----	15,235		15,235		
4112 COMMODITIES, NEC-----	14,594	904	13,690		
9999 DEPARTMENT OF DEFENSE AND SCI-----	99		99		
TOTAL TON-MILES, 1,392,648.					

## JACKSONVILLE, FL, DISTRICT

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MILES	PASSENGERS
PROJECT				
BAKERS MAULOVER INLET, FLA.,-----				32,000
EAU GALLIE HARBOR, FLA.,-----	NO COMMERCE REPORTED			
FERNANDINA HARBOR, FLA.,-----	0911 FRESH FISH, EXCEPT SMELFISH-----	2,616		
	0912 SMELFISH, EXCEPT PREPARED-----	2,733		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	40		
	2095 ICE-----	2,142		
	2810 SODIUM HYDROXIDE-----	41,300		
	2915 RESIDUAL FUEL OIL-----	84,371		
	TOTAL-----	133,202		764
FORT PIERCE HARBOR, FLA.,-----	0103 CORN-----	46		
	0105 RICE-----	5		
	0107 MEAT-----	40		
	0131 FRESH FRUITS-----	8,715		
	0141 FRESH AND FROZEN VEGETABLES-----	7,457		
	0191 MISCELLANEOUS FARM PRODUCTS-----	5		
	0911 FRESH FISH, EXCEPT SMELFISH-----	1,232		
	1451 CLAY-----	50,730		
	1471 PHOSPHATE ROCK-----	21		
	2022 DRIED MILK AND CREAM-----	1		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	115		
	2049 GRAIN MILL PRODUCTS, NEC-----	33		
	2081 ALCOHOLIC BEVERAGES-----	5		
	2095 ICE-----	644		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	15		
	2211 BASIC TEXTILE PRODUCTS-----	2		
	2511 FURNITURE AND FIXTURES-----	2		
	2691 PULP AND PAPER PRODUCTS, NEC-----	12		
	2711 PRINTED MATTER-----	7		
	2819 BASIC CHEMICALS AND PROD, NEC-----	39		
	2821 PLASTIC MATERIALS-----	3		
	2831 DRUGS-----	7		
	2841 SOAP-----	1		
	2851 PAINTS-----	45		
	2872 POTASSIC CHEM FERTILIZERS-----	2,170		
	2873 PHOSPHATIC CHEM FERTILIZERS-----	45		
	2876 INSECTICIDES, DISINFECTANTS-----	21		
	2879 FERTILIZER AND MATERIALS, NEC-----	3		
	3011 RUBBER AND MISC PLASTIC PROD-----	9		
	3201 BUILDING CEMENT-----	19		
	3251 STRUCTURAL CLAY PRODUCTS-----	8,774		
	3281 CUT STONE AND STONE PRODUCTS-----	3		
	3291 MISC NONMETALLIC MINERAL PROD-----	50		
	3411 FABRICATED METAL PRODUCTS-----	10		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	200		
	3611 ELECTRICAL MACH AND EQUIP-----	3		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	93		
	3731 SHIPS AND BOATS-----	11		
	3791 MISC TRANSPORTATION EQUIPMENT-----	23		
	3911 MISC MANUFACTURED PRODUCTS-----	1		
	4112 COMMODITIES, NEC-----	3		
	TOTAL-----	80,641	317,041	292
INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.,-----	0911 FRESH FISH, EXCEPT SMELFISH-----	6,455		
	0912 SMELFISH, EXCEPT PREPARED-----	4,608		
	2095 ICE-----	2,384		
	2810 SODIUM HYDROXIDE-----	2,603		
	2813 ALCOHOLS-----	2,357		
	2914 DISTILLATE FUEL OIL-----	4,121		
	2915 RESIDUAL FUEL OIL-----	177,432		
	2921 LIQUEFIED GASES-----	631		
	3291 MISC NONMETALLIC MINERAL PROD-----	1,600		
	3411 FABRICATED METAL PRODUCTS-----	500		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	3,947		
	3611 ELECTRICAL MACH AND EQUIP-----	75		
	3731 SHIPS AND BOATS-----	509		
	3791 MISC TRANSPORTATION EQUIPMENT-----	950		
	TOTAL-----	208,572	4,214,536	
INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FLA.,-----	0131 FRESH FRUITS-----	17		
	0141 FRESH AND FROZEN VEGETABLES-----	8		
	0911 FRESH FISH, EXCEPT SMELFISH-----	658		
	0912 SMELFISH, EXCEPT PREPARED-----	861		
	1499 NONMETALLIC MINERALS, NEC-----	1		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	272		
	2014 TALLOW, ANIMAL FATS AND OILS-----	5		
	2034 VEGETABLES AND PREP, NEC-----	5		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	7		
	2091 VEGETABLE OILS, HARD, SHORT-----	22		
	2095 ICE-----	10,000		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	5		
	2211 BASIC TEXTILE PRODUCTS-----	24		
	2311 APPAREL-----	33		
	2691 WOOD MANUFACTURES, NEC-----	10		
	2621 STANDARD WEBSHIRT PAPER-----	27		
	2631 PAPER AND PAPERBOARD-----	196		
	2691 PULP AND PAPER PRODUCTS, NEC-----	24		
	2711 PRINTED MATTER-----	15		
	2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1		
	2813 ALCOHOLS-----	1		
	2817 BENZENE AND TOLUENE-----	7		
	2819 BASIC CHEMICALS AND PROD, NEC-----	507		
	2821 PLASTIC MATERIALS-----	204		

## JACKSONVILLE, FL, DISTRICT

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## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
INTRACOSTAL WATERWAY, MIAMI TO KEY WEST, FLA. (CONTINUED)--	2022 SYNTHETIC RUBBER-----	8	-----	-----
	2023 SYNTHETIC (MAN-MADE) FIBERS-----	13	-----	-----
	2051 PAINTS-----	4	-----	-----
	2070 INSECTICIDES, DISINFECTANTS-----	5	-----	-----
	2091 MISCELLANEOUS CHEMICAL PROD-----	80	-----	-----
	2015 RESIDUAL FUEL OIL-----	156,050	-----	-----
	2016 LUBRICATING OILS AND GREASES-----	4	-----	-----
	3011 RUBBER AND MISC PLASTIC PROD-----	502	-----	-----
	3111 LEATHER AND LEATHER PRODUCTS-----	17	-----	-----
	3211 GLASS AND GLASS PRODUCTS-----	36	-----	-----
	3291 STRUCTURAL CLAY PRODUCTS-----	2	-----	-----
	3291 MISC NONMETALLIC MINERAL PROD-----	1	-----	-----
	3315 IRON, STEEL SHAPES, ETC SHEET-----	21	-----	-----
	3316 IRON AND STEEL PLATES, SHEETS-----	11	-----	-----
	3319 IRON AND STEEL PRODUCTS, NEC-----	98	-----	-----
	3324 ALUMINUM AND ALLOYS, UNWORKED-----	110	-----	-----
	3511 FABRICATED METAL PRODUCTS-----	31	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	410	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	89	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	3A	-----	-----
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	10	-----	-----
	3911 MISC MANUFACTURED PRODUCTS-----	37	-----	-----
	4022 TEXTILE WASTE, SCRAP, SWEEP-----	34	-----	-----
	4112 COMMODITIES, NEC-----	51	-----	-----
	TOTAL-----	172,17A	13,657,353	-----
KEY WEST HARBOR, FLA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	8,245	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	8,455	-----	-----
	2005 ICE-----	20,483	-----	-----
	2012 JET FUEL-----	1	-----	-----
	2012 JET FUEL-----	7,793	-----	-----
	2016 DISTILLATE FUEL OIL-----	6,301	-----	-----
	2015 RESIDUAL FUEL OIL-----	131,505	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	1,100	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	1	-----	-----
	3731 SHIPS AND BOATS-----	3	-----	-----
	4112 COMMODITIES, NEC-----	1	-----	-----
	TOTAL-----	183,068	1,052,730	48,470
LAKE CRESCENT AND DUNNS CREEK, FLA.-----	2012 JET FUEL-----	1,656	-----	-----
	2015 RESIDUAL FUEL OIL-----	1,656	-----	-----
	TOTAL-----	3,312	41,400	-----
MELBOURNE HARBOR, FLA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	1,000	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	2,670	-----	-----
	TOTAL-----	3,736	3,736	-----
NEW RIVER, FLA. (INCLUDED IN TRAFFIC OF PORT EVERGLADES HARBOR, FLA.)-----				34,274
OKLAHAMA RIVER, FLA.-----				61,378,036
PONCE DE LEON INLET, FLA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	216	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	430	-----	-----
	2005 ICE-----	540	-----	-----
	TOTAL-----	1,194	3,582	-----
RICE CREEK, FLA.-----	2015 RESIDUAL FUEL OIL-----	126,180	504,720	-----
ST. AUGUSTINE HARBOR, FLA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	584	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	585	-----	-----
	2005 ICE-----	4,677	-----	-----
	TOTAL-----	5,846	44,526	67,116
ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARNEY-----	0012 SHELLFISH, EXCEPT PREPARED-----	22	-----	-----
	1402 SAND, GRAVEL, CRUSHED ROCK-----	650	-----	-----
	2001 ALCOHOLIC BEVERAGES-----	87	-----	-----
	2012 JET FUEL-----	1,050	-----	-----
	2015 RESIDUAL FUEL OIL-----	192,135	-----	-----
	3241 BUILDING CEMENT-----	330	-----	-----
	3291 MISC NONMETALLIC MINERAL PROD-----	4,800	-----	-----
	3315 IRON, STEEL SHAPES, ETC SHEET-----	22	-----	-----
	3319 IRON AND STEEL PRODUCTS, NEC-----	2,125	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	200	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	4	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	32	-----	-----
	3791 MISC TRANSPORTATION EQUIPMENT-----	70	-----	-----
	4112 COMMODITIES, NEC-----	8	-----	-----
	TOTAL-----	202,110	15,762,354	-----
ST. LUCIE INLET, FLA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	800	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	800	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	200	-----	-----
	TOTAL-----	1,800	6,800	-----

\* EXCURSION PASSENGERS CARRIED OVER SILVER SPRING RUN.

*Waterborne Commerce of the United States, 1985*  
**ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT)**  
**BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL**

ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN  
 NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA.

SECTION INCLUDED: NORFOLK, VA., TO THE ST. JOHNS RIVER, FLA., 739 MILES. FOR CONTROLLING AND PROJECT DEPTHS SEE TABLES OF INDIVIDUAL STRETCHES LISTED SEPARATELY.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	4,470,292	202,323	1981-----	4,166,209	183,125
1977-----	4,803,739	106,328	1982-----	3,196,634	159,409
1978-----	5,096,836	149,387	1983-----	3,482,966	114,968
1979-----	5,066,145	97,020	1984-----	4,348,016	79,338
1980-----	3,996,188	83,920	1985-----	3,145,316	93,534

FREIGHT TRAFFIC, 1985

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		NORTHBOUND	SOUTHBOUND
TOTAL-----	3,812	3,552	260
3411 FABRICATED METAL PRODUCTS-----	560	560	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,122	1,862	260
3731 SHIPS AND BOATS-----	180	180	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	950	950	-----
TON-MILES, OCEANGOING, 2,769,724.			

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	THROUGH			SOUTHBOUND	INBOUND	OUTBOUND	THROUGH
			INBOUND	OUTBOUND	THROUGH				
TOTAL-----	3,141,504	3,094	109,723	15,414	457,468	2,708	864,568	199,800	1,288,823
0103 CORN-----	48,898	-----	-----	8,400	1,200	-----	-----	50,298	-----
0107 WHEAT-----	23,202	-----	-----	-----	-----	-----	-----	23,202	-----
0111 SOYBEANS-----	36,092	-----	-----	-----	-----	-----	-----	36,092	-----
0133 COFFEE-----	2,411	-----	-----	-----	-----	-----	-----	-----	2,411
0911 FRESH FISH, EXCEPT SHELLFISH-----	13,076	97	1,472	119	1,837	242	5,772	185	3,352
0912 SHELLFISH, EXCEPT PREPARED-----	23,381	1,633	3,560	71	5,119	2,466	8,109	687	1,736
1091 NONFERROUS ORES, CONCENT., NEC-----	38,887	-----	-----	-----	-----	-----	-----	-----	38,887
1442 SAND, GRAVEL, CRUSHED ROCK-----	587,560	-----	-----	-----	-----	-----	587,560	-----	-----
1493 SULPHUR, LIQUID-----	170,500	-----	-----	-----	170,500	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	3,896	-----	854	710	2,331	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	3,028	-----	-----	-----	-----	-----	-----	-----	3,028
2095 ICE-----	2,142	-----	-----	2,142	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	4,760	-----	-----	-----	1,976	-----	-----	-----	2,784
2211 BASIC TEXTILE PRODUCTS-----	5,908	-----	-----	-----	-----	-----	-----	-----	5,908
2415 PULPWOOD, LOG-----	79,160	-----	-----	-----	-----	-----	-----	79,160	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	71,793	-----	-----	-----	-----	-----	-----	-----	71,793
2611 PULP-----	64,779	-----	-----	-----	64,779	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	30,908	-----	-----	-----	30,908	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	46,900	-----	-----	-----	5,600	-----	41,300	-----	-----
2819 BASIC CHEMICALS AND PROD., NEC-----	89,000	-----	-----	-----	-----	-----	-----	-----	89,000
2871 NITROGENOUS CHEM FERTILIZERS-----	14,400	-----	-----	-----	11,700	-----	-----	1,200	1,500
2873 PHOSPHATIC CHEM FERTILIZERS-----	3,600	-----	-----	-----	2,400	-----	-----	-----	1,200
2879 FERTILIZER AND MATERIALS, NEC-----	680,583	-----	-----	-----	16,956	-----	-----	-----	871,627
2911 GASOLINE-----	30,062	-----	-----	-----	27,558	-----	-----	-----	2,498
2912 JET FUEL-----	245,919	-----	20,482	-----	4,514	-----	220,923	-----	-----
2914 DISTILLATE FUEL OIL-----	4,762	-----	-----	-----	4,621	-----	-----	-----	141
2915 RESIDUAL FUEL OIL-----	350,193	1,242	82,454	2,782	233,139	-----	-----	-----	30,416
2918 ASPHALT, TAR, AND BITUMENS-----	2,909	-----	-----	-----	2,909	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	9,271	-----	-----	-----	-----	-----	-----	-----	9,271
3291 MISC NONMETALLIC MINERAL PROD-----	1,500	-----	800	-----	-----	-----	700	-----	-----
3312 SLAG-----	6,704	-----	-----	-----	-----	-----	-----	-----	6,704
3315 IRON, STEEL SHAPES, EXC SHEET-----	153,056	-----	-----	-----	89,502	-----	-----	-----	153,554
3317 IRON AND STEEL PIPE AND TUBE-----	1,000	-----	-----	1,000	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	2,801	-----	-----	-----	2,801	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	300	-----	100	-----	-----	-----	-----	-----	200
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,251	32	-----	230	-----	-----	200	-----	2,629
3611 ELECTRICAL MACH AND EQUIP-----	540	-----	-----	-----	340	-----	-----	-----	200
3721 AIRCRAFT AND PARTS-----	11	-----	-----	-----	11	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	27	-----	-----	-----	-----	-----	-----	-----	27
3811 INSTR, TIME, PHOTO, OPT GOODS-----	92	-----	-----	-----	92	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	45,041	-----	-----	-----	10,359	-----	-----	-----	34,682
4112 COMMODITIES, NEC-----	6,229	-----	-----	-----	1,200	-----	-----	-----	5,029
TON-MILES, INTERNAL, 304,044,542.									

TONS, ALL TRAFFIC, 3,145,316.  
 TON-MILES, ALL TRAFFIC, 306,809,306.



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Section 2  
TRIPS AND DRAFTS OF VESSELS

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# NEW ENGLAND DIVISION

137

## NEW ENGLAND DIVISION TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
BUCKSPORT HARBOR, MAINE												
35			2	INBOUND		2			OUTBOUND			
34			3			3						
33			1			1						
32			1			1						
31			1			1						
30			2			2						
29			1			1						
28								1			1	
27								2			2	
26			3			3		3			3	
25			1			1		2			2	
24			11		5	16		1		1	2	
23					3	3		2			2	
22			4		2	6		1		1	2	
21					1	1		1			1	
20			3			3		3			3	
19				1	1	2			1		1	
18			1		2	3		2			2	
17					1	1		1		2	2	
16								5			5	
15			2	4		9		10	4	2	16	
14			1		3	5	4	19	2		25	
13				11		11			11		11	
12				3		3			3		3	
11								2			2	
10			21			21		2			2	
9			14			14		1			1	
8										1	1	
7										2	2	
6										3	3	
5					1	1				3	3	
4					1	1						
3												
2												
TOTAL	4	71	19	20	114	114	4	59	23	15	101	
PENOBSCOT RIVER, MAINE												
24		25		INBOUND		25			OUTBOUND			
23		4				4		12		1	13	
22								1		1	2	
21								1		1	1	
20		3				3		3			3	
19			1						1		1	
18		1				1		2			2	
17								1		2	3	
16												
15		9				9		0			0	
14		20	8		15	43	2	1	6		9	
13	12	60	16			88	13	1	16		30	
12	1	6	49		3	59	2		50	1	53	
11 AND LESS	27	11	14	2	11	45	8	107	17	1	147	
TOTAL	41	139	86	2	47	317	26	138	92	2	296	
SEARSPORT HARBOR, MAINE												
36		2		INBOUND		2			OUTBOUND			
35		2				2						
34		1				1		1			1	
33		2				2						
32		1				1						
31		3				3		1			1	
30		1				1						
29		3				3		1			2	
28		6				6		1	1		2	
27		1				1		5			5	
26		3				3		2	3		5	
25		5				5		4	3		7	
24		2		1		3		3	6		9	
23		3				3		2	2		4	
22		1				1		5		1	6	
21		2				2		1			1	
20		1			3	4						
19		4			1	5						
18 AND LESS	18	10	120	8	18	174	27	16	109	16	21	
TOTAL	46	38	120	17	22	243	48	40	109	17	22	
PORTLAND HARBOR, MAINE												
46		2		INBOUND		2			OUTBOUND			
45		4				4						
44	1	5				6						
43		2				2						
42		6				6						
41		2				2						
40		2				2		1			1	
39		4				4						
38		2				2						
37		15				15						
36		8				8						
35		12				12						
34		6				6						
33	1	3				4						
32	1	6				7		3			3	
				1		7		1			1	

## NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		
PORTLAND HARBOR, MAINE--(CONTINUED)												
				INBOUND					OUTBOUND			
31		3				3		4			4	
30		1				1		2			2	
29		3				3	3	12			15	
28	1	1				2	1	14			15	
27	1	2			2	5	1	9			10	
26	1	6			7	14	2	15			18	
25	1	16			32	49	3	17			22	
24	3	7			5	15	1	7			8	
23		6			17	23		8			8	
22	3	3	4		15	25	2	5	4		12	
21	1			4	20	25	5	4			9	
20	1	1		1	9	12	1	3			6	
19	1	2		1	16	20		5			5	
18 AND LESS	2,546	91	247	5	171	3,060	2,545	103	258	10	258	3,174
TOTAL	2,566	221	251	11	295	3,144	2,564	214	262	10	264	3,314
PORTSMOUTH HARBOR, N. H.												
				INBOUND					OUTBOUND			
35	4	23				27	1	2			3	
34		4				4		3			3	
33		5				5	3	2			5	
32	12	3				15		1			1	
31	5	5				10		3			3	
30	3	3				6						
29	1	2			1	4	1	4			5	
28	1	1			2	3	2	2			4	
27	3	3			6	9	2	5			7	
26	1	3			1	5	4	5			9	
25		2			7	9	4	12			17	
24	1	5			3	9	9	12			21	
23	2	9			15	26	4	2			6	
22	1	4		3	2	10	4	5			9	
21	2	5		4	1	12	1	5			6	
20	1		1	3		5	3	4	1		8	
19	1	1	2	11	7	22	1	3			4	
18 AND LESS	52	45	81	9	63	250	49	70	64	29	67	319
TOTAL	89	123	84	30	91	417	88	140	85	29	68	430
SALEM HARBOR, MASS.												
				INBOUND					OUTBOUND			
28	11	27				38	2	2			4	
27		1				1						
26							1				1	
25		2				2		1			1	
24							10	21			31	
23		1				1		2			2	
22								2			2	
21							1				1	
20												
18 AND LESS	132	9	65		14	220	132	10	65		14	221
TOTAL	143	40	65		14	262	146	38	65		14	263
PORT OF BOSTON, MASS.												
				INBOUND					OUTBOUND			
40		3				3						
39		7				7						
38		21			3	24		1			1	
37	1	28				29		3			1	
36	1	34			1	36	9	7			12	
35	1	46				47	4	7			11	
34	2	28				30	8	3			11	
33	5	25			3	33	6	3			2	
32	6	9			2	17	7	1	1		9	
31	4	12			10	31	5	4			9	
30	49	10				59	24	7			31	
29	14	13			4	31	8	5			13	
28	35	5			7	47	61	5			67	
27	40	10	2	13	13	76	22	1			24	
26	26	10			28	66	16	20	1		39	
25	31	24	1	1	40	97	26	30			67	
24	19	8			28	55	15	135			162	
23	24	6		1	34	65	23	11	20		51	
22	19	1	18	1	36	75	17	13	34		99	
21	15	1	32	1	17	65	9	13	7		37	
20	22	1	8	2	23	56	16	9		1	4	
19	16	1	1	2	45	65	25		1		4	
18 AND LESS	3,978	254	1,164	19	470	5,805	4,008	278	1,244	38	658	6,226
TOTAL	4,313	556	1,226	40	764	6,899	4,309	550	1,308	39	724	6,930
MAIN WATERFRONT (PORT OF BOSTON)												
				INBOUND					OUTBOUND			
40		3				3						
39		7				7						
38		21			3	24		1			1	
37	1	28				29		3			1	
36	1	32			1	34	9	7			12	
35	1	43				44	4	7			11	
34	2	27				29	8	3			11	
33	5	21			2	28	6	3			2	
32	5	7			2	14	7	1	1		9	
31	8	9			10	27	5	5			10	

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION			TOTAL	
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
MAIN WATERFRONT (PORT OF BOSTON)--(CONTINUED)											
	INBOUND						OUTBOUND				
30 - - - - -	49	10				59	24	6			30
29 - - - - -	14	8				26	7	5			12
28 - - - - -	35	3				45	60	5		1	66
27 - - - - -	40	10		12	12	74	22	1		1	24
26 - - - - -	26	9	1	1	28	65	16	18	2	1	37
25 - - - - -	29	23	1	1	40	94	26	28		10	68
24 - - - - -	19	7		1	26	52	13	116		12	141
23 - - - - -	24	4		1	30	59	23	10		17	50
22 - - - - -	19	1	18	1	33	72	17	9	20		54
21 - - - - -	15		32	1	19	67	9	11	34	1	55
20 - - - - -	22	1	8	2	17	50	16	8	7	4	36
19 - - - - -	16	1	1	2	39	59	25		1	4	30
18 AND LESS - - - - -	3,993	231	1,038	19	407	5,688	3,990	264	1,112	37	574
TOTAL - - - - -	4,324	506	1,099	40	680	6,649	4,287	505	1,177	38	639
CHELSEA RIVER, MASS.											
	INBOUND						OUTBOUND				
35 - - - - -		42				42					
34 - - - - -		24				24					
33 - - - - -	1	19				20		2			2
32 - - - - -		15		3		18		2			2
31 - - - - -	1	4		2		7		1			1
30 - - - - -	2	7		10		19		1			1
29 - - - - -	4	8				12	3	2			5
28 - - - - -		5		2		7		3			3
27 - - - - -	2	5		4		11		2			2
26 - - - - -	3	5		9		17	1	1		1	3
25 - - - - -	13	5	2	20		40		12		2	14
24 - - - - -	2	9		31		42		16		9	25
23 - - - - -	1	7		20		28	2	80		12	94
22 - - - - -	4	3		18		25		6		16	22
21 - - - - -	1	1	18	21		41	1	7	19	4	55
20 - - - - -			6	15		46		7	34	2	43
19 - - - - -	1	1		14		22	4	3	4	4	15
18 AND LESS - - - - -	1	165	463	1	327	957	13	203	469	1	483
TOTAL - - - - -	36	325	520	1	504	1,386	34	348	526	1	498
MYSTIC RIVER, MASS.											
	INBOUND						OUTBOUND				
35 - - - - -	1	24				26	12				20
34 - - - - -		1				1	7	1			8
33 - - - - -		1				1				1	1
32 - - - - -		1				1					2
31 - - - - -		1				1	3	1	1		4
30 - - - - -							2	2			4
29 - - - - -							2				2
28 - - - - -	2			1		4		1			1
27 - - - - -	3	3		13		20	2				2
26 - - - - -	3	2				11	2	2			4
25 - - - - -	6	15	1	1		31	3	4		1	8
24 - - - - -	5					9		6		1	7
23 - - - - -	5			1	10	16	5	1		1	7
22 - - - - -	5			1	11	17	2				2
21 - - - - -	3	1		1		6		3			3
20 - - - - -	7			2	1	10	3	6	2	1	12
19 - - - - -	6			1	29	36	1				2
18 AND LESS - - - - -	20	25	331	6	37	421	26	22	349	25	85
TOTAL - - - - -	65	74	332	28	112	612	71	57	352	26	90
KEYMOUTH FORD RIVER, MASS.											
	INBOUND						OUTBOUND				
35 - - - - -		2				2					
34 - - - - -		1				1					
33 - - - - -		4				4					
32 - - - - -	1	2				3					
31 - - - - -	1	2				3					
29 - - - - -		4				4	1				1
28 - - - - -		2				2		1			2
27 - - - - -		1				1					
26 - - - - -		1				1		1			1
25 - - - - -	2					2					
24 - - - - -		1				1					
23 - - - - -		2				2	2	16			18
22 - - - - -		1				1		2			2
21 - - - - -						3		5			5
20 - - - - -										1	1
19 - - - - -						9					
18 AND LESS - - - - -	291	35	136	121		583	208	29	136	133	506
TOTAL - - - - -	295	59	136	123		633	292	54	136	135	617
CAPE COD CANAL, MASS.											
	EASTBOUND						WESTBOUND				
36 - - - - -		1				1		21			21
32 - - - - -				11		11					
31 - - - - -				18		18	7				7
30 - - - - -		2	1			3		1			1
29 - - - - -	4	3		2	8	17	4	3			7
28 - - - - -	9	2		1	19	31	18	10		1	20
27 - - - - -	9	2		6	37	54	26	14		3	43

## NEW ENGLAND DIVISION

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT	DRY CARGO	TANKER	TOTAL
CAPE COD CANAL, MASS.--(CONTINUED)												
				EASTBOUND						WESTBOUND		
26 -	14	7	1	7	45	74	20	7	1			29
25 -	12	6	1	1	68	88	17	13	2			36
24 -	13	3			56	72	35	17				58
23 -	10	4	2		53	69	12	3	4			22
22 -	13	4	52	2	59	130	5	5	57			67
21 -	23	1	10	2	53	89	4	1	5			26
20 -	21	1	25	2	71	120	14	1	28			51
19 -	19		17	4		40	14	1	8			23
18 AND LESS -	127	163	1,442	210	441	2,383	154	140	1,430	254	964	2,942
TOTAL -	274	199	1,551	237	939	3,200	334	237	1,535	254	1,002	3,362
NEW BEDFORD AND FAIRHAVEN HARBOR, MASS.												
				INBOUND						OUTBOUND		
29 -	2					2						2
27 -	1					1	2					2
26 -	1					1	1					1
25 -	3					3	1					2
24 -	3			1		4	2					
23 -	5			2		7						
22 -	3			2		5	7					8
21 -	2			1		3	4			1		4
20 -	5					5	5					5
19 -	3			2		5	3					3
18 -	4			1		5	3			2		5
17 -	1		2	1		4	3		2			5
16 -	2	2		3		7	2			4		6
15 -	4		5	7		16	7		5			12
14 -	7	2	24	33		66	1		39	1		41
13 -	2		2	16		24	2		2			4
12 AND LESS -	2,437	326	49	4	997	4,265	2,927	332	41	4	927	4,271
TOTAL -	2,465	332	122	4	939	4,383	2,971	332	129	4	935	4,371
FALL RIVER HARBOR, MASS.												
				INBOUND						OUTBOUND		
34 -	14	40				54						
33 -		2		1		3						
32 -		1				1						
31 -		1				1						
30 -		2		1		3						
29 -												2
28 -		2		1		3						1
27 -	1	1		1		3	1			1		3
26 -	5	2				7	1		4			5
25 -	2	1		21		24	3		1			4
24 -	1	2				3	14	34				46
23 -				1		1	2		1			3
22 -	4	2		2		12	7		6			13
21 -	1	1		3		5						
20 -		1		10		11	2		6	1		9
19 -				4		8			1			1
18 AND LESS -	93	64	761	210		1,128	93	65	789	22	235	1,204
TOTAL -	125	122	761	21	239	1,247	123	122	790	22	236	1,293
PROVIDENCE RIVER AND HARBOR, R. I.												
				INBOUND						OUTBOUND		
38 -		1				1						
37 -		10				10			1			1
36 -	2	13				15						1
35 -	5	15				21	1		2			3
34 -	3	6				9	5		2			7
33 -	5	7				12	7					7
32 -	3	3				6	5		1			6
31 -	7	2		2		11	7		2			9
30 -	9	6				15	5		2			7
29 -	13	5				18	8		7			15
28 -	15	5		2		22	12		4			21
27 -	22	4		7		33	28		4			32
26 -	21	5	1	8		34	17		9	2		28
25 -	15	12		12		39	20		10		1	31
24 -	26	6		8		42	22		11		1	34
23 -	19	6		34		59	16		11		6	33
22 -	5	2		1		18	18		7		7	32
21 -	13	5	15	20		53	13		7	13	5	38
20 -	7		1	18		26	5		6	3	10	24
19 -	2			17		19	2		2		2	6
18 AND LESS -	169	65	895	83	494	1,705	164	43	938	46	603	1,874
TOTAL -	360	184	912	84	640	2,180	355	177	956	46	635	2,209
NEW LONDON HARBOR, CONN.												
				INBOUND						OUTBOUND		
31 -		2				2						
30 -	1	1				2						
29 -						1						
28 -	4	1				5	3					3
27 -	2					2	2					2
26 -	5	2				7	2					2
25 -	5			2		7	1		1			2
24 -	6					6	5		2			7
23 -	3			1		4	11					11

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER
NEW LONDON HARBOR, CONN.--(CONTINUED)										
22 -	4	3		INBOUND	1	2			OUTBOUND	2
21 -	2				8	1				1
20 -	2				2	4				5
19 -	2				7	1				3
18 AND LESS -	4,799	15	126	6	150	4,797	15	138	7	159
TOTAL -	4,836	24	126	6	165	4,828	22	138	7	159
THAMES RIVER, CONN.										
18 -				DOWNBOUND	5					
17 -					45					
16 -					1					
15 -		5	2		7					
14 -		3	2		6					
13 -		1	4		15					
12 AND LESS -		3	29	2	19					
TOTAL -		12	37	2	86					
CONNECTICUT RIVER BELOW HARTFORD, CONN.										
15 -				DOWNBOUND	2					
14 -					6					
13 -					4					
12 -		37	5		33					
11 -		62	61		295					
10 -		15	98		69					
9 -		4	20		18					
8 -					6					
7 -					6					
6 AND LESS -	11,611		0,156	0,117	2	11,616		0,000	0,122	408
TOTAL -	11,619	118	0,406	0,117	439	11,622	115	0,000	0,122	414
NEW HAVEN HARBOR, CONN.										
36 -		37		INBOUND	37				OUTBOUND	6
35 -		14			14					2
34 -		12			12					5
33 -		5			5					2
32 -		8			8					6
31 -		6			6					3
30 -		3			3					5
29 -		4			4					14
28 -		1			1					22
27 -		3			3					31
26 -		1			1					30
25 -		1			1					46
24 -		1			1					40
23 -		1			1					35
22 -		1			1					63
21 -		1			1					30
20 -		1			1					14
19 -		1			1					2,853
18 AND LESS -	16	208	1,592	50	793	2,664	25	173	1,692	44
TOTAL -	193	315	1,643	50	1,005	3,206	190	279	1,743	44
MASSACHUSETTS RIVER, CONN.										
16 -				DOWNBOUND	58					
15 -					1					
14 -					25					
13 -					6					
12 -					1					
11 -					8					
10 -					8					
9 -					6					
8 -					1					
7 -					1					
6 AND LESS -					8					
TOTAL -					99					
BRIDGEPORT HARBOR, CONN.										
33 -				INBOUND	16				OUTBOUND	1
32 -					9					9
31 -					7					3
30 -					1					9
29 -					11					2
28 -					6					9
27 -					11					9
26 -					10					14
25 -					7					15
24 -					23					11
23 -					5					11
22 -					10					11
21 -					11					10
20 -					11					11
19 -					2					3
18 AND LESS -	2,596	196	669	72	196	3,729	2,605	197	670	78
TOTAL -	2,715	201	670	79	212	3,877	2,715	202	670	78

### TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NORWALK HARBOR, CONN.				INBOUND						OUTBOUND		
17 - - - - -				1		1						
16 - - - - -				65		65						
15 - - - - -				1		1			4			4
14 - - - - -				1		1						
13 - - - - -		3	7	1		11			7			7
12 - - - - -		16	28	74	2	120			12		4	16
11 - - - - -		3	4	1	2	10			4			4
10 - - - - -			39	17	37	94		1	53			54
9 - - - - -		1	27	11	8	46			16			16
8 - - - - -			4	1	3	8		17	4			21
7 - - - - -			21		1	22		2	19			21
6 AND LESS - - - - -	1,565		4			1,569	1,564	3	14	104	115	1,800
TOTAL - - - - -	1,565	23	134	104	122	1,948	1,564	23	133	104	119	1,943
STAMFORD HARBOR, CONN.				INBOUND						OUTBOUND		
16 - - - - -				7		7						2
15 - - - - -				2		2			2			1
14 - - - - -			3		12	15			1			5
13 - - - - -		1	9		34	44			5			5
12 AND LESS - - - - -		5	509	346	64	964		7	512	346	116	1,021
TOTAL - - - - -		6	521	386	119	1,032		7	520	346	116	1,029
ANDREWS RIVER, MASS.			NO VESSEL TRIPS REPORTED									
ANNISQUAM RIVER, MASS.			NO VESSEL TRIPS REPORTED									
APPONAUG COVE, R. I.			NO VESSEL TRIPS REPORTED									
BAR HARBOR, MAINE				INBOUND						OUTBOUND		
TOTAL, 13 AND LESS - - - - -	766					766	755					755
BASS HARBOR, MAINE				INBOUND						OUTBOUND		
TOTAL, 9 AND LESS - - - - -	3,150					3,150	3,150					3,150
BEALS HARBOR, MAINE				INBOUND						OUTBOUND		
TOTAL, 8 AND LESS - - - - -	7					7	9					9
BELFAST HARBOR, MAINE				INBOUND						OUTBOUND		
TOTAL, 14 AND LESS - - - - -	65		42			110	67		49			116
BEVERLY HARBOR, MASS.				INBOUND						OUTBOUND		
TOTAL, 12 AND LESS - - - - -	479		4			483	478		4			482
BOTHWAY HARBOR, MAINE				INBOUND						OUTBOUND		
TOTAL, 13 AND LESS - - - - -	709		2			711	708		2			710
BRANFORD HARBOR, CONN.			NO VESSEL TRIPS REPORTED									
BRISTOL HARBOR, R. I.				INBOUND						OUTBOUND		
TOTAL, 12 AND LESS - - - - -	942		2			944	942		2			944
BUNKER HARBOR, MAINE			NO VESSEL TRIPS REPORTED									
CAMDEN HARBOR, MAINE				INBOUND						OUTBOUND		
TOTAL, 13 AND LESS - - - - -	16					16	16					16
CANAPITSIT CHANNEL, MASS.				UPBOUND						DOWNBOUND		
TOTAL, 6 AND LESS - - - - -	2					2	1					1
CAPE PORPOISE HARBOR, MAINE			NO VESSEL TRIPS REPORTED									
CARVERS HARBOR, MAINE				INBOUND						OUTBOUND		
TOTAL, 9 AND LESS - - - - -	1,941					1,941	1,940					1,940
CHATNAM (STAGE) HARBOR, MASS.				INBOUND						OUTBOUND		
TOTAL, 9 AND LESS - - - - -	367					367	367					367
CLINTON HARBOR, CONN.			NO VESSEL TRIPS REPORTED									
COBBECOOK BAY, MAINE			NO VESSEL TRIPS REPORTED									

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
CONASSET HARBOR, MASS.				NO VESSEL TRIPS	REPORTED							
COREA HARBOR, MAINE TOTAL, 7 AND LESS - - - - -	242				INBOUND	242	241				OUTBOUND	241
CRIEMHAVEN HARBOR, MAINE				NO VESSEL TRIPS	REPORTED							
CROSS RIP SHOALS, NANTUCKET SOUND, MASS. TOTAL, 13 AND LESS - - - - -	343	9	5		EASTBOUND	346	343	4			WESTBOUND	347
CUTTUMUNK HARBOR, MASS. TOTAL, 8 AND LESS - - - - -	228				INBOUND	228	228				OUTBOUND	228
DANARISCOTTA RIVER, MAINE				NO VESSEL TRIPS	REPORTED							
DEER ISLAND THOROUGHFARE, MAINE				NO VESSEL TRIPS	REPORTED							
DORCHESTER BAY, MASS.				NO VESSEL TRIPS	REPORTED							
DOXBURY HARBOR, MASS.				NO VESSEL TRIPS	REPORTED							
EASTPORT HARBOR, MAINE TOTAL, 38 AND LESS - - - - -	1,297		1		INBOUND	1,298	1,258		3		OUTBOUND	1,261
EDGARTOWN HARBOR, MASS. TOTAL, 6 AND LESS - - - - -	21,625				INBOUND	21,625	21,625				OUTBOUND	21,625
ESSEX RIVER, MASS.				NO VESSEL TRIPS	REPORTED							
FALMOUTH HARBOR, MASS. TOTAL, 6 AND LESS - - - - -	2,241				INBOUND	2,241	2,241				OUTBOUND	2,241
FIVEHILE RIVER HARBOR, CONN. TOTAL, 9 AND LESS - - - - -			3		INBOUND	6			3		OUTBOUND	6
FORT POINT CHANNEL, MASS. TOTAL, 12 AND LESS - - - - -					INBOUND				1		OUTBOUND	1
GLOUCESTER HARBOR, MASS. TOTAL, 21 AND LESS - - - - -	7,036	298	1		INBOUND	7,335	7,017	298	1		OUTBOUND	7,316
GREAT SALT POND, BLOCK ISLAND, R. I. TOTAL, 8 AND LESS - - - - -	6				INBOUND	6	6				OUTBOUND	6
GREEN HARBOR, MASS. TOTAL, 4 AND LESS - - - - -	262				INBOUND	262	262				OUTBOUND	262
GREENWICH BAY, R. I.				NO VESSEL TRIPS	REPORTED							
GREENWICH HARBOR, CONN. TOTAL, 7 AND LESS - - - - -	1,356				INBOUND	1,356	1,356				OUTBOUND	1,356
GUILFORD HARBOR, CONN.				NO VESSEL TRIPS	REPORTED							
HAMPTON HARBOR, N. H.				NO VESSEL TRIPS	REPORTED							
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MASS. TOTAL, 3 AND LESS - - - - -	162				INBOUND	162	162				OUTBOUND	162
HARBOR OF REFUGE, BLOCK ISLAND, R. I. TOTAL, 12 AND LESS - - - - -	2,918				INBOUND	2,918	2,918				OUTBOUND	2,918
HARBOR OF REFUGE, NANTUCKET, MASS. TOTAL, 13 AND LESS - - - - -	1,911	10	5		INBOUND	1,935	1,911	10	7		OUTBOUND	1,937



*Waterborne Commerce of the United States, 1985*

**NEW ENGLAND DIVISION**

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, R. I. TOTAL, 14 AND LESS - - - - -	2,551		1	INBOUND		2,552	2,571		1	OUTBOUND	2,572	
HARRASECKET RIVER, MAINE		NO VESSEL TRIPS		REPORTED								
HAY (WEST) HARBOR, N. Y. TOTAL, 8 AND LESS - - - - -	1,567			INBOUND		1,567	1,567			OUTBOUND	1,567	
HENDRICKS HARBOR, MAINE		NO VESSEL TRIPS		REPORTED								
HINGHAM HARBOR, MASS. TOTAL, 4 AND LESS - - - - -			1	INBOUND		1			1	OUTBOUND	1	
HYANNIS HARBOR, MASS. TOTAL, 11 AND LESS - - - - -	4,604			INBOUND		4,604	4,604			OUTBOUND	4,604	
IPSWICH RIVER, MASS.		NO VESSEL TRIPS		REPORTED								
ISLE AU HAUT THOROUGHFARE, MAINE TOTAL, 5 AND LESS - - - - -	659			NORTHBOUND		659	658			SOUTHBOUND	658	
ISLE OF SHOALS HARBOR, ME. AND N. H.		NO VESSEL TRIPS		REPORTED								
JOSIAS RIVER, MAINE		NO VESSEL TRIPS		REPORTED								
KENNEBEC RIVER, MAINE TOTAL, 16 AND LESS - - - - -	61		9	UPBOUND		70	59		8	DOWNBOUND	67	
KENNEBUNK RIVER, MAINE		NO VESSEL TRIPS		REPORTED								
LAGOON POND, MARTHA S VINEYARD, MASS. TOTAL, 32 AND LESS - - - - -			2	INBOUND		4	1		2	OUTBOUND	5	
LUBEC CHANNEL, MAINE TOTAL, 7 AND LESS - - - - -	59			NORTHBOUND		59	59			SOUTHBOUND	59	
LYNN HARBOR, MASS. TOTAL, 7 AND LESS - - - - -			1	INBOUND		1			1	OUTBOUND	1	
MACHIAS RIVER, MAINE		NO VESSEL TRIPS		REPORTED								
HALDEN RIVER, MASS.		NO VESSEL TRIPS		REPORTED								
MANCHESTER HARBOR, MASS.		NO VESSEL TRIPS		REPORTED								
MARBLEHEAD HARBOR, MASS. TOTAL, 14 AND LESS - - - - -	2			INBOUND		2	2			OUTBOUND	2	
MATINICUS HARBOR, MAINE TOTAL, 6 AND LESS - - - - -	106			INBOUND		106	105			OUTBOUND	105	
MATTAPANSETT HARBOR, MASS.		NO VESSEL TRIPS		REPORTED								
MEKUMSHA CREEK, MARTHA S VINEYARD, MASS.		NO VESSEL TRIPS		REPORTED								
MILFORD HARBOR, CONN. TOTAL, 4 AND LESS - - - - -			43	INBOUND		43			43	OUTBOUND	43	
MOOSABEC RAR, MAINE TOTAL, 8 AND LESS - - - - -	7			EASTBOUND		7	9			WESTBOUND	9	
MYSTIC RIVER, CONN. TOTAL, 9 AND LESS - - - - -	914		24	UPBOUND		942	914		24	DOWNBOUND	942	
NARRAGUSETT RIVER, MAINE		NO VESSEL TRIPS		REPORTED								
NEPONSET RIVER, MASS.		NO VESSEL TRIPS		REPORTED								

## NEW ENGLAND DIVISION

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NEW HARBOR, MAINE		NO VESSEL TRIPS		REPORTED								
NEWBURYPORT HARBOR, MASS.		NO VESSEL TRIPS		REPORTED								
NEWPORT HARBOR, R. I. TOTAL, 22 AND LESS	32	11	37	INBOUND 1	2	6	31	11	37	OUTBOUND 1	2	63
NIANTIC BAY AND HARBOR, CONN. TOTAL, 7 AND LESS	366		1	INBOUND 1		368	366			OUTBOUND 1		368
NORTHEAST HARBOR, MAINE TOTAL, 7 AND LESS	3			INBOUND		3				OUTBOUND		
OWLS HEAD HARBOR, MAINE		NO VESSEL TRIPS		REPORTED								
PATCHOGUE RIVER, CONN.		NO VESSEL TRIPS		REPORTED								
PANCATUCK RIVER, R. I. AND CONN. TOTAL, 13 AND LESS			1	UPBOUND		1			1	DOWNBOUND		
PIG ISLAND CUT, MAINE TOTAL, 8 AND LESS	9			UPBOUND		9	7			DOWNBOUND		
PLEASANT BAY, MASS.		NO VESSEL TRIPS		REPORTED								
PLEASANT RIVER, MAINE		NO VESSEL TRIPS		REPORTED								
PLYMOUTH HARBOR, MASS. TOTAL, 17 AND LESS	320	5		INBOUND		320	320	1		OUTBOUND		321
PROVINCETOWN HARBOR, MASS. TOTAL, 14 AND LESS	2,032		1	INBOUND		2,033	2,032		1	OUTBOUND		2,033
RED BROOK HARBOR, BOURNE, MASS.		NO VESSEL TRIPS		REPORTED								
ROCKLAND HARBOR, MAINE TOTAL, 15 AND LESS	4,390	5	26	INBOUND		4,421	4,390	3	26	OUTBOUND		4,421
ROCKPORT HARBOR, MAINE		NO VESSEL TRIPS		REPORTED								
ROCKPORT HARBOR, MASS. TOTAL, 6 AND LESS	162			INBOUND		162	162			OUTBOUND		162
ROYAL RIVER, MAINE		NO VESSEL TRIPS		REPORTED								
RYE HARBOR, NEW HAMPSHIRE		NO VESSEL TRIPS		REPORTED								
SACO RIVER, MAINE		NO VESSEL TRIPS		REPORTED								
SAKONNET RIVER AND HARBOR, R. I.		NO VESSEL TRIPS		REPORTED								
SCARBORO RIVER, MAINE		NO VESSEL TRIPS		REPORTED								
SCITUATE HARBOR, MASS.		NO VESSEL TRIPS		REPORTED								
SEENONK RIVER, R. I.		NO VESSEL TRIPS		REPORTED								
SOUTH BRISTOL HARBOR, MAINE		NO VESSEL TRIPS		REPORTED								
SOUTHWEST HARBOR, MAINE TOTAL, 10 AND LESS	41			INBOUND		41	40			OUTBOUND		40
ST. CROIX RIVER, MAINE		NO VESSEL TRIPS		REPORTED								
STOCKTON HARBOR, MAINE		NO VESSEL TRIPS		REPORTED								
STONINGTON HARBOR, CONN.		NO VESSEL TRIPS		REPORTED								

## NEW ENGLAND DIVISION

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
STONINGTON HARBOR, MAINE TOTAL, 5 AND LESS - - - - -	658			INBOUND		658	658			OUTBOUND		658
STONY CREEK, CONN.				NO VESSEL TRIPS REPORTED								
TAUNTON RIVER, MASS.				NO VESSEL TRIPS REPORTED								
TENANTS HARBOR, MAINE TOTAL, 6 AND LESS - - - - -	151			INBOUND		151	151			OUTBOUND		151
THOMASTON HARBOR (GEORGES RIVER), MAINE				NO VESSEL TRIPS REPORTED								
TOWN RIVER, MASS. TOTAL, 22 AND LESS - - - - -		4	13	INBOUND	18	35		6	12	OUTBOUND	17	35
VINEYARD HAVEN HARBOR, MASS. TOTAL, 12 AND LESS - - - - -	4,070	5	6	INBOUND	1	4,086	4,070	5	4	OUTBOUND	1	4,084
WAREHAM HARBOR, MASS. TOTAL, 12 AND LESS - - - - -			2	INBOUND		4			2	OUTBOUND		4
WARREN RIVER, R. I. TOTAL, 6 AND LESS - - - - -	23			UPBOUND		23	20			DOWNBOUND		20
WARMICK COVE, WARMICK, R. I.				NO VESSEL TRIPS REPORTED								
WELLFLEET HARBOR, MASS.				NO VESSEL TRIPS REPORTED								
WESTPORT HARBOR AND SAUGATUCK RIVER, CONN. TOTAL, 9 AND LESS - - - - -			4	INBOUND		8			4	OUTBOUND		8
WESTPORT RIVER, MASS. TOTAL, 12 AND LESS - - - - -			4	UPBOUND		8			3	DOWNBOUND		6
WYOMOUTH BACK RIVER, MASS. TOTAL, 12 AND LESS - - - - -	3		8	INBOUND		11			6	OUTBOUND		6
WICKFORD HARBOR, R. I. TOTAL, 10 AND LESS - - - - -	1			INBOUND		1	1			OUTBOUND		1
WINTHROP HARBOR, MASS.				NO VESSEL TRIPS REPORTED								
WOOD ISLAND HARBOR, MAINE AND THE POOL AT BIDDEFORD				NO VESSEL TRIPS REPORTED								
WOODS HOLE CHANNEL, MASS. TOTAL, 18 AND LESS - - - - -	4,897		1	EASTBOUND	1	4,900	4,896	2	2	WESTBOUND	1	4,903
YORK HARBOR, MAINE				NO VESSEL TRIPS REPORTED								

# NEW YORK, NY, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
<b>PORT CHESTER HARBOR, N. Y.</b>												
12 - - - - -		17	2	INBOUND				18	2	OUTBOUND		
11 - - - - -		7	1	2	1	21				3	1	16
10 - - - - -		7	70	70	1	79		4		1	3	9
9 - - - - -		1	74	77	2	153		92		1	3	96
8 - - - - -		12	11	17	1	94		100				100
7 - - - - -		2	50		1	24		17			2	25
6 AND LESS - - - - -		2	6		3	53		7		46		53
TOTAL - - - - -		41	214	166	14	435		249		146	12	165
<b>EAST CHESTER CREEK, N. Y.</b>												
16 - - - - -			6	INBOUND				6		OUTBOUND		
15 - - - - -			27	2		2		25		2		2
13 - - - - -		4	28		48	79		24			50	86
12 - - - - -		166	48	1	3	197		155			1	180
11 - - - - -		79	48		40	160		83			39	160
10 - - - - -		29	139	208	62	436		32		3	53	244
9 - - - - -		13	350	31	30	424		11		341	56	588
8 - - - - -		189	134	6	18	347		187		6	10	337
7 - - - - -		31	52	1	17	101		26		55	7	89
6 AND LESS - - - - -		62	12	18	162	254		58		11	174	500
TOTAL - - - - -		573	796	267	380	2,016		563		796	372	1,998
<b>BRONX RIVER, N. Y.</b>												
18 - - - - -			3	INBOUND						OUTBOUND		
15 - - - - -			4			3		1			1	1
14 - - - - -			2			2		2			2	2
13 - - - - -			7	2		9				1		10
12 - - - - -			25	7		32		29		7		36
11 - - - - -			74	181		255		73		3		76
10 - - - - -			111	17		128		114		6		120
9 - - - - -			11	17		28		9		19		28
8 - - - - -			56	3		59		56		3		59
7 - - - - -			6	60	1	67		4		224		228
6 AND LESS - - - - -												
TOTAL - - - - -			249	287	1	587		299		263	1	563
<b>WESTCHESTER CREEK, N. Y.</b>												
14 - - - - -			2	INBOUND				2		OUTBOUND		
13 - - - - -		1	2	2		4		2		1		3
12 - - - - -		1	126		7	134		3		2		3
11 - - - - -			82	40		122		136		28		141
10 - - - - -			94	17		111		42		18		71
9 - - - - -		2	57		9	68		94		6		112
8 - - - - -		1	19		3	23		55		1		61
7 - - - - -		2	1		2	5		21		1		23
6 AND LESS - - - - -				77		77		1		2		5
TOTAL - - - - -		7	343	157		507		353		63		63
<b>FLUSHING BAY AND CREEK, N. Y.</b>												
16 - - - - -			4	INBOUND				4		OUTBOUND		
15 - - - - -			61	39	5	44				3		3
14 - - - - -		1	1	3	21	25				22		26
13 - - - - -		2	319	1	8	71		61		11		73
12 - - - - -		4	130		30	134		319		26		349
11 - - - - -		9	280	1	46	181		2		48		182
10 - - - - -		5	237	3	12	304		10		15		310
9 - - - - -	7	1	208	537	11	740		4		329	10	588
8 - - - - -		13	24	59	2	277	7	2		1	5	198
7 - - - - -		6	125		5	42		10		34	3	74
6 AND LESS - - - - -		2	47			131		2		120	1	123
TOTAL - - - - -	7	83	1,435	331	99	479		37		609	100	746
<b>HARLEM RIVER, N. Y.</b>												
15 - - - - -			2	INBOUND				2		OUTBOUND		
14 - - - - -		3	4		20	22				21		23
13 - - - - -		5	4		10	17		4		9		14
12 AND LESS - - - - -	4	26	562		9	9		4				6
TOTAL - - - - -	4	32	572	293	93	976	4	12		293	86	957
<b>HUDSON RIVER, N. Y. (LOWER SECTION)</b>												
38 - - - - -		1		INBOUND						OUTBOUND		
37 - - - - -		1				1		1				1
36 - - - - -								1				1
35 - - - - -		1				1		1				1
34 - - - - -		2				2						
33 - - - - -		1				1						
32 - - - - -		3				3						
31 - - - - -		3				3						
30 - - - - -		3				3						
29 - - - - -		1				1		1				1
28 - - - - -		4				4		4				4
27 - - - - -		5				5		2				2
26 - - - - -		2				2		1				1

## NEW YORK, NY, DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
HUDSON RIVER, N. Y. (LOWER SECTION)--(CONTINUED)												
				INBOUND						OUTBOUND		
25	2					2	1				1	
24	1					1	3				3	
23							2				2	
22	1					1	1				1	
21							2				2	
20				1		1	2				2	
19							1				1	
18 AND LESS	12	30	615	1	435	1,203	19	66	800	3	460	
TOTAL	43	30	315	6	435	1,329	43	66	800	3	460	
HUDSON RIVER CHANNEL, N. Y. AND N. J.												
				INBOUND						OUTBOUND		
41		1				1						
40	1					1	2				2	
39	2					2						
38							3				3	
37	3					3	1				1	
36	5					5	6				6	
35	17					17	10				10	
34	17					17	12				12	
33	21					21	17				17	
32	46					46	25				25	
31	27					27	23				23	
30	42					42	34	1			37	
29	30	1				31	40				40	
28	47					47	35				35	
27	57					57	70				70	
26	56					56	56				56	
25	38					38	20				20	
24	18					18	17				17	
23	15					15	15				15	
22	24					24	26				26	
21	7					7	4				4	
20	4					4	2				2	
19	4					4	5				5	
18 AND LESS	1,083	126	6,203	1,641	325	9,306	1,080	110	5,968	1,596	260	
TOTAL	1,568	130	6,203	1,644	329	9,674	1,514	111	5,968	1,596	260	
EAST RIVER, N. Y.												
				INBOUND						OUTBOUND		
45	1					1						
42	2					2	1				1	
41							1				1	
40	2	2				4		3			3	
39												
38	2	4				6	1	2			3	
37	1	1				2	3				2	
36	1	1				2	1				1	
35	2	2				4	1	1			2	
34	13	3				16	8				8	
33	3	2				5	2	2			4	
32	17					17	12				12	
31	9					9	2				2	
30	7					7	2	2			4	
29	5					5	5	1			6	
28	17					17	17	1			18	
27	9					9	10	1			10	
26	20					20	25				25	
25	15					15	41	13	1		55	
24	7					7	19	3			22	
23	12					12	14	3			19	
22	18					18	11				11	
21	15					15	12				12	
20	13		25			38	9	1	16		24	
19	5					5	15				20	
18 AND LESS	17,451	777	6,523	1,703	796	27,652	17,492	746	6,532	1,682	720	
TOTAL	18,052	795	6,548	1,704	800	27,606	18,051	770	6,548	1,683	797	
NEWTOWN CREEK, N. Y.												
				INBOUND						OUTBOUND		
17			2					2			2	
16				18	1				18		19	
15		3	52	19	1	75		1	44	19	65	
14		12	157	1	7	177		12	159	6	175	
13		17	176	0	24	217		23	176	6	225	
12 AND LESS	4	282	1,070	1,165	494	3,525	5	260	1,078	1,140	364	
TOTAL	4	311	2,059	1,211	437	4,025	5	290	2,059	1,184	388	
BUTTERMILK CHANNEL, N. Y.												
				INBOUND						OUTBOUND		
36	2					2						
35	3					3						
34	3					3						
33	1					1						
32							9				9	
31	6					6	6				6	
30	16					16	15				15	
29	12					12	12				12	
28	11					11	10	1			11	
27	39					39	41				41	

## NEW YORK, NY, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
BUTTERMILK CHANNEL, N. Y.--(CONTINUED)												
26 -	23					23	30	1				31
25 -	23					23	16	2				18
24 -	21		1			22	20					20
23 -	19				1	20	20					20
22 -	20				1	21	27				1	28
21 -	22		1			23	16					16
20 -	17		10		1	28	11	1	12			24
19 -	15					15	12					12
18 AND LESS-	105	100	2,670	49	106	3,110	110	109	2,670	66	109	3,146
TOTAL-	371	100	2,682	49	109	3,391	363	114	2,682	66	109	3,415
SAY RIDGE AND RED HOOK CHANNELS, N. Y.												
42 -	1					1						
38 -							1					1
37 -	5					5	6					6
36 -	5					5	5					5
35 -	3					3	5					5
34 -	9					9	8					8
33 -	10					10	7					7
32 -	25					25	25					25
31 -	7					7	7					7
30 -	12					12	12					12
29 -	13					13	15					15
28 -	24					24	27					27
27 -	32					32	27					27
26 -	19					19	20					20
25 -	17					17	24					24
24 -	19					19	20					20
23 -	19	1				20	13					13
22 -	14					14	21					21
21 -	14					14	15					15
20 -	13		43			56	15		48			63
19 -	9			1		10	9					9
18 AND LESS-	64	243	4,637	635	164	5,783	66	246	4,500	639	137	5,506
TOTAL-	334	244	4,680	636	164	6,058	356	246	4,500	639	137	5,926
GJANUS CREEK CHANNEL, N. Y.												
33 -												
29 -				1		1					1	1
26 -				1		1					1	1
25 -				1		2						2
24 -				1		1	1				1	2
23 -				1		1					1	1
22 -				1		2	1				1	2
21 -				1		1					1	1
20 -				2		3					2	3
19 -				4		4			2		2	2
18 AND LESS-	5	415	3,405	281	210	4,316	4	418	3,402	200	208	4,312
TOTAL-	6	415	3,405	281	225	4,334	6	418	3,404	200	220	4,328
CONEY ISLAND CHANNEL, N. Y.												
16 -	3					3						
15 -	10					23		1	13			14
14 -	35					67			14			14
13 -	56				24	80			171			172
12 -	274				56	330			142			144
11 -	112				87	199			107			109
10 -	37			2	209	246			22			22
9 -	3			49	51	101			18			18
8 -	195			48	7	250			251			251
7 -	1			21	20	22			170			170
6 -						59			170			170
5 -						91			215			215
4 -						2			21			21
3 -						5			10			10
2 -						3			12			12
1 -						14			64			64
TOTAL-	541	784	170	504	2,197	2,197	533	976	141	484	2,134	2,134
EAST ROCKAWAY INLET, N. Y.												
15 -	1					11						11
14 -	193					193						193
13 -	190					191						191
12 -	99					118			67			103
11 -	49					62			8			68
10 -	23					28			100			100
9 -	290					293			352			352
8 -	2					3			217			217
7 -						15			15			15
6 AND LESS-	65					66			149			149
TOTAL-	922	24			19	965	922	24			19	965
JAMAICA BAY, N. Y.												
22 -												
17 -												
17 -							192					192

## NEW YORK, NY, DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
JAMAICA BAY, N. Y.--(CONTINUED)				INBOUND					OUTBOUND			
16 -								14			14	
15 -		5	13			18		6	13		19	
14 -		15	6		11	32		21	6		40	
13 -		36	157		26	219		55	157		244	
12 AND LESS-		690	814	177	466	2,147		696	764	128	1,834	
TOTAL-		746	990	177	503	2,416		784	980	128	2,344	
RARITAN RIVER, N. J.				INBOUND					OUTBOUND			
26 -				2		2				2	4	
25 -					8	8					13	
24 -					5	5					7	
23 -					1	1					1	
22 -					3	3					3	
21 -					9	9					111	
20 -					4	4					17	
19 -					6	6					6	
18 -					15	15					22	
17 -			3		10	13			3		25	
16 -			10	15	9	34			10	16	27	
15 -			61		3	64			59		7	
14 -			205		11	216			196		203	
13 -			82		14	96			88		16	
12 AND LESS-	18	32	696	303	462	1,771	18	33	894	362	296	
TOTAL-	18	32	1,257	340	560	2,247	18	35	1,250	380	560	
UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.				INBOUND					OUTBOUND			
50 -			1			1			1		1	
48 -			1			1			1		1	
47 -			2			2						
46 -			3			3			4		4	
45 -	7		28			35	2		7		9	
44 -	2		12			14	1		2		3	
43 -	5		6			11	5		2		7	
42 -	7		24			31	3		3		6	
41 -	6		57		4	71					1	
40 -	14		67	3	1	85	4		11		15	
39 -	11		46	2		59	5		6		11	
38 -	3		42			45	3		8		11	
37 -	1		92			97	1		13	2	16	
36 -	9		77			86	8		7		15	
35 -	5		68			73	2		5		7	
34 -	5		47		3	55	1		8		10	
33 -	5		62	3	7	77	1		15		22	
32 -	5		25		7	37	11		9		23	
31 -	2		21			23			10		1	
30 -	7		19		3	30			15		6	
29 -	4		13		4	21			9	1	6	
28 -	15		18		9	42	7		22		35	
27 -	5		12		12	32	6		15		21	
26 -	5		11		8	27	3		21		12	
25 -	11		11		33	55	16		21		53	
24 -	6		11		19	36	6		23		15	
23 -	6		6		18	30	3		11		20	
22 -	5		3		15	23	9		6		19	
21 -	5		3		23	31	6		6		24	
20 -	14		7		26	71	3		7	20	31	
19 -	8		4		29	41	4		3		30	
18 AND LESS-	19,951	324	13,132	295	1,624	35,326	19,941	267	12,914	261	1,229	
TOTAL-	20,136	1,123	13,161	303	1,849	36,572	20,076	538	12,946	263	1,481	
VERARK BAY, N. J.				INBOUND					OUTBOUND			
39 -	25	5				30	21				21	
38 -	26	5				31	21		1		22	
37 -	40	3				43	31		1		32	
36 -	51	3				54	62		2		64	
35 -	94	7				101	90		3		93	
34 -	90	3				93	87		1		88	
33 -	130	10			2	142	121		2		124	
32 -	151	13				164	161		6		167	
31 -	162	9				171	133		5		138	
30 -	162	9				171	188		10		198	
29 -	181	3				184	191		8		200	
28 -	225	4				229	294		6		301	
27 -	185	3			1	189	216		2		219	
26 -	162	3				165	1-3		7		160	
25 -	154	4			4	164	148		8		161	
24 -	171	6			5	182	123		10		136	
23 -	95	6			2	103	97		5		105	
22 -	80	8			9	97	89		1		93	
21 -	46	3			3	52	73		6		81	
20 -	45	4	5		5	59	61		7	7	11	
19 -	32	2			4	38	38		2		16	
18 AND LESS-	317	637	6,967	59	1,571	9,551	338	600	6,990	42	1,585	
TOTAL-	2,624	752	6,972	59	1,606	12,813	2,756	693	6,997	42	1,632	

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION							
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		
HACKENSACK RIVER, N. J.													
28 -				INBOUND		1				OUTBOUND			
24 -						1					1	1	
21 -						1					1	1	
20 -						1							
18 AND LESS -		66	1,237	463	378	2,144		88	1,237	463	379	2,167	
TOTAL -		66	1,237	463	381	2,147		88	1,237	463	381	2,169	
PASSAIC RIVER, N. J.													
32 -				INBOUND		9			11	OUTBOUND		11	
31 -						2							
30 -						10			8			8	
29 -						3			3			3	
28 -						6			2			2	
27 -		1	3			4			1		1	3	
26 -		1	6			7	1		1		2	3	
25 -			9		1	10			5		3	8	
24 -			7		5	12			2		2	4	
23 -			4		5	9			2		1	3	
22 -			2		5	7			11		6	17	
21 -					5	5			3		2	5	
20 -			2	3	14	19			8	3	6	17	
19 -			2		10	12			3		16	19	
18 -			3		8	19			25		39	62	
17 -			8	33	4	15			50		31	115	
16 -			11	1	3	18			99		77	176	
15 -			9	97	1	29			74	108	97	272	
14 -		2	16	284	2	36			80	274	3	426	
13 -			31	352	1	61			98	359	2	576	
12 AND LESS -		30	745	2,268	163	1,250	4,456	24	403	2,262	155	1,031	3,875
TOTAL -		34	888	3,038	182	1,473	5,615	25	888	3,039	161	1,493	5,606
NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.													
47 -				UPBOUND		1			2	DOWNBOUND		2	
46 -						3			2			3	
45 -		10	16			26	8		7			15	
44 -			3			3			9			9	
43 -		1	2			3	1		1			2	
42 -		3	11			14	2		25			27	
41 -		3	8			11	3		25			28	
40 -		5	20		1	26	10		34			44	
39 -		4	13			17	4		27		2	33	
38 -		7	19			26	5		51			56	
37 -		11	16	3		30	12		68	24		104	
36 -		19	18			36	30		86		2	118	
35 -		12	22			34	27		95	1		131	
34 -		11	12			23	25		60			68	
33 -		16	18			34	23		56			159	
32 -		30	22		2	55	23		63		19	95	
31 -		21	16		11	48	20		56		1	85	
30 -		22	58	1	2	83	17		75			101	
29 -		16	26		11	53	14		64	1		91	
28 -		25	81		24	130	9		77		2	101	
27 -		19	40		23	82	10		54		13	91	
26 -		9	64		31	103	6		65	18		112	
25 -		16	122		1	129	59		70	1	1	223	
24 -		11	79			89	139		46		3	102	
23 -		5	37		1	89	132		57	1	1	180	
22 -		4	41	3	2	83	133		2	3	3	98	
21 -		3	18		1	93	115		3	18	2	109	
20 -		3	47	52	2	88	142		3	50	59	197	
19 -		2	10		1	148	161		2	13		119	
18 AND LESS -		570	3,619	29,843	4,647	8,692	47,371	538	4,618	31,062	5,258	9,072	50,548
TOTAL -		856	4,462	29,902	4,655	9,479	49,354	920	5,933	31,172	5,310	9,736	53,071
RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, N. J.													
26 -				UPBOUND		2				DOWNBOUND			
25 -						7					13	13	
24 -						5					5	5	
23 -											1	1	
22 -						2					4	4	
21 -						8					11	11	
20 -						1					8	8	
19 -						1					11	11	
18 -						22					12	12	
17 -						27					12	12	
16 -				2		70			4		10	17	
15 -				14	30	26			6	1	4	56	
14 -				62		69			52			131	
13 -				125		7			120		11	93	
12 -				87		15			77		15	273	
11 -				252	58	113			242		31	136	
10 -				109	63	13			128		7	327	
9 -				250	109	4			284		3	113	
8 -				102		5			92		2	9	
7 -				8		1			6		3	46	
6 -				47		1			42		2	2	



## NEW YORK, NY, DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, N. J.--(CONTINUED)										
				UPBOUND					DOWNBOUND	
5					9			1		51
4		1			46				97	36
3			2	15	46			4	49	114
2				100					180	
1				3					2	
TOTAL--	9	4	1,060	378	364	1,815	9	4	1,060	377
NEW YORK HARBOR, N. Y. LOWER ENTRANCE CHANNELS										
				INBOUND					OUTBOUND	
47		6			6		3			3
46	2	5			7		7			7
45	17	39			52	15	24			39
44	2	21			23	1	5			6
43	8	8			16	7	5			12
42	14	50			64	9	14			23
41	13	84		9	105	7	8			15
40	39	106		3	149	21	34		1	56
39	27	78		2	109	17	19			36
38	38	95			133	35	31			66
37	64	133	11		208	55	25	11		91
36	103	147			252	101	36			137
35	152	157	1		318	123	34			157
34	166	96			265	135	23			158
33	195	127			325	168	27		2	197
32	297	85		2	385	276	51		2	334
31	249	67		1	323	212	37		2	251
30	286	83	1		372	283	95	1	3	332
29	275	56	1		335	275	54	1	2	332
28	368	52			425	417	121		5	544
27	367	36			407	415	68		14	499
26	306	38	9		340	323	117	9	1	454
25	278	43			348	345	144	1	1	506
24	286	47	1	4	360	236	142		3	391
23	241	33	1		290	202	67		2	317
22	176	22	1		220	212	66	1	2	313
21	115	20	1	1	145	161	54	1	5	338
20	116	22	14	1	161	113	82	17	4	253
19	77	14		3	115	92	19			131
18	290	1,673	2,563	248	1,004	5,778	407	1,854	2,567	902
TOTAL--	4,567	3,439	2,604	265	1,101	12,056	4,665	3,256	2,589	1,977
HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO WATERFORD, N. Y. FOREIGN AND COASTWISE										
				UPBOUND					DOWNBOUND	
43		1			1		2			3
42		1			1					
41		2			2					
40	1	1			2					2
39	3	2			5					1
38	1				1					3
37	4				4					2
36	6				6					7
35	18				18		1			12
34	21	1			22					19
33	24	2			26					17
32	65	5			70		3			36
31	42	6			48		4			36
30	64	6			70		1			44
29	45	5			50		1			51
28	67	2			69		6		5	56
27	80				80		3		27	118
26	72	1			73		9		2	78
25	28				32		2			34
24	49	3		4	56		8			42
23	30	1			32					51
22	32				33		2			51
21	10	2			12					36
20	10			1	12		1			13
19	5				5					34
18 AND LESS--	36	11	332	587	51	1,017	41	7	331	985
TOTAL--	713	52	332	592	58	1,747	710	50	331	1,731
HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO WATERFORD, N. Y. INTERNAL										
				UPBOUND					DOWNBOUND	
32		1			1					
31		3			3					
30		2			10		1			1
29		2			7					
28					6					
27					14				2	3
26					11				13	13
25					36				8	8
24		1			6					1
23					6					
22					6		1			3
21					12					1
					11					1

## NEW YORK, NY, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO WATERFORD, N. Y. INTERNAL--(CONTINUED)										
20			3	UPBOUND	17			3	DOWNBOUND	4
19		2			34					
18 AND LESS	1,289	528	9,468	3,142	2,673	17,100	1,292	512	9,409	3,116
TOTAL	1,289	539	9,471	3,142	2,645	17,246	1,292	515	9,412	3,143
HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y.										
33	10	9		UPBOUND	19	12	3		DOWNBOUND	15
32	17	6			23	8	3			11
31	15	9			26	9	4			13
30	22	8			40	7	1			8
29	15	6			7	10	1			11
28	20	2			28	10	6		7	24
27	23				14	9	3		40	52
26	16	1			11	11	9		10	30
25	13	1			40	12	3			15
24	31	3		4	6	17	8			25
23	15	1			7	36	1			39
22	8				13	23	2			26
21	3	2			10	32				33
20	6		3	1	18	10	1	3		18
19	1	2			34	6				10
18	7	15			69	7	2		4	60
17	2	35	35		52	1		40	50	1
16	4	49	8	1	57	119	2	3	26	3
15	1	36	250		82	2	3	154	2	2
14	1	49	220	6	145	3	1	234	4	2
13		58	389	6	333	2		346	21	7
12 AND LESS	228	176	3,243	1,991	1,105	6,743	233	389	3,287	2,148
TOTAL	458	468	4,148	2,010	2,021	9,105	464	444	4,067	2,340
TARRYTOWN HARBOR, N. Y.										
14		3	2	INBOUND	1				OUTBOUND	
13		2	8		10			8	1	9
12		1	6		5			6		8
11		4	29	104	18			19		19
10			76	93	7			78		82
9			14		8			34		35
8			22		2			26		27
7			20		3			30		31
6 AND LESS								4	184	44
TOTAL		10	197	203	44	454	10	203	185	45
PORT OF ALBANY, N. Y.										
35	1			INBOUND	1	3			OUTBOUND	3
34		1			1					
33		1			1					
32	12	5			17	8	2			10
31	5	6			11	6	3			9
30	9	4			5	7				7
29	11	5			2	10				9
28	10	2			12	5	3			8
27	13				17	7	1			8
26	14	1			8	23	10	8		18
25	11	1			28	40	11	3		14
24	30	3			4	37	13	4		17
23	15	1			4	20	18	1		20
22	7				6	13	19	2		22
21	3	2			8	13	20			20
20	6				15	21	7	1		12
19		1			12	13				4
18	6	11			23	3	2			1
17	2	23	11		34	72	1	13		3
16	4	21	4		45	74	2	2		5
15	1	7	124		36	166	2	110		114
14	1	8	43	3	80	135	1	45	3	51
13		4	189		128	321	2	176		102
12 AND LESS	1	62	652		184	899	2	136	2	577
TOTAL	159	169	1,023	3	630	1,984	157	170	1,041	5
FEDERAL LOCK, TROY, N. Y.										
15				NORTHBOUND	2				SOUTHBOUND	
14					1					
13					6					
12		1			11		1		1	2
11			10		5			6		7
10	2	36	52		96			54	2	61
9		4	44		1			39		30
8					1					
7	2,292	1				2,293	2,408		1	2,409
6							33			65
5				3		3	6		1	41
4										2
3										
2										
TOTAL	2,294	42	106	3	83	2,528	2,408	41	99	5

## NEW YORK, NY, DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER
Hempstead Harbor, N. Y.				INBOUND					OUTBOUND	
15 -		5	6		3			6		6
14 -	3	10	8	1	12			4	1	5
13 -		56	58	1	19			45		85
12 -		16	26		35			24	473	498
11 -		11	29	11	18			23	424	448
10 -		1	259	271	9		6	267	474	748
9 -			148	44	10	2	4	153	11	171
8 -			42		2		16	45		61
7 -			174				2	198		200
6 AND LESS -			137	1,297	1	3	72	122	243	543
TOTAL -	3	101	887	1,625	109	5	100	887	1,626	2,725
Port Jefferson Harbor, N. Y.				INBOUND					OUTBOUND	
31 -		10					3			3
30 -					1			1		1
29 -					2		1			1
28 -		1			13		2			2
27 -					7		1			1
26 -		2			5					7
25 -		1			3		7			7
24 -		1			4		7			7
23 -		1			4		1			1
22 -					11		1			1
21 -					16				1	1
20 -			5		19		6	3		10
19 -					10					2
18 -		1			22			6		3
17 -		2	4		10					8
16 -		13			10					4
15 -		9	68		18		1	58		63
14 -		32	31		27		2	15		18
13 -		16	77		58		2	91		99
12 AND LESS -	2,580	26	575	184	121	2,580	69	477	149	3,566
TOTAL -	2,580	115	760	184	354	2,580	104	651	149	3,799
Browns Creek, N. Y.				UPBOUND					DOWNBOUND	
TOTAL, 6 AND LESS -	6,499					6,499	6,500			6,500
Burlington Harbor, VT.				INBOUND					OUTBOUND	
TOTAL, 13 AND LESS -	980	11	3		7	901	880	10	3	900
Cheesecake Creek, N. J.				UPBOUND					DOWNBOUND	
TOTAL, 13 AND LESS -			1			1		1		1
Coney Island Creek, N. Y.				INBOUND					OUTBOUND	
TOTAL, 10 AND LESS -			12		10			9		16
Echo Bay Harbor, N. Y.				INBOUND					OUTBOUND	
TOTAL, 9 AND LESS -			5		5			5		10
Elizabeth River, N. J.				NO VESSEL TRIPS REPORTED						
Fire Island Inlet, N. Y.				UPBOUND					DOWNBOUND	
TOTAL, 10 AND LESS -		1				1	1			1
Glen Cove Creek, N. Y.				UPBOUND					DOWNBOUND	
TOTAL, 12 AND LESS -		7	82		70	165	7	47	67	167
Glen Cove Harbor, N. Y.				NO VESSEL TRIPS REPORTED						
Great Kills Harbor, Staten Island, N. Y.				NO VESSEL TRIPS REPORTED						
Great South Bay, N. Y.				UPBOUND					DOWNBOUND	
TOTAL, 10 AND LESS -	22,857	1				22,858	22,858	1		22,859
Greenport Harbor, N. Y.				INBOUND					OUTBOUND	
TOTAL, 8 AND LESS -	15,172					15,172	15,171			15,171
Huntington Harbor, N. Y.				INBOUND					OUTBOUND	
TOTAL, 6 AND LESS -	2					2	2			2
Jones Inlet, N. Y.				UPBOUND					DOWNBOUND	
TOTAL, 9 AND LESS -							5			5
Keyport Harbor, N. J.				NO VESSEL TRIPS REPORTED						

# NEW YORK, NY, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
LAKE MONTAUK HARBOR, N. Y.				NO VESSEL TRIPS REPORTED						
LARCHMONT HARBOR, N. Y.				NO VESSEL TRIPS REPORTED						
LEMON CREEK, STATEN ISLAND, N. Y.				NO VESSEL TRIPS REPORTED						
LONG ISLAND INTRACOASTAL HWY, N. Y.				NO VESSEL TRIPS REPORTED						
MANASSA HARBOR, N. Y.				NO VESSEL TRIPS REPORTED						
MANHASSET BAY, N. Y. TOTAL, 13 AND LESS	1	50		INBOUND 5	38	103	1	60	OUTBOUND 2	37
MATTITUCK HARBOR, N. Y. TOTAL, 7 AND LESS			1	INBOUND 1		2		1	OUTBOUND 1	2
NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT. TOTAL, 13 AND LESS	2	41	64	INBOUND 57		164	14	34	50	DOWNBOUND 53
NEW ROCHELLE HARBOR, N. Y. TOTAL, 9 AND LESS			2	INBOUND 1		3		3	OUTBOUND 4	7
NORTHPORT HARBOR, N. Y. TOTAL, 15 AND LESS	15	2	36	INBOUND 5		56	15	1	40	OUTBOUND 5
ROCK CREEK, N. Y.				NO VESSEL TRIPS REPORTED						
PATCHOGUE RIVER, N. Y.				NO VESSEL TRIPS REPORTED						
PECONIC RIVER, N. Y.				NO VESSEL TRIPS REPORTED						
PEEKSKILL HARBOR, N. Y.				NO VESSEL TRIPS REPORTED						
PORT HEVRY HARBOR, N. Y.				NO VESSEL TRIPS REPORTED						
RAHWAY RIVER, N. J.				NO VESSEL TRIPS REPORTED						
ROCKOUT HARBOR, N. Y. TOTAL, 15 AND LESS	2	53		INBOUND 20	34	109	2	48	OUTBOUND 21	32
ROUSE POINT, N. Y.				NO VESSEL TRIPS REPORTED						
SAG HARBOR, N. Y. TOTAL, 8 AND LESS	18,525			INBOUND		18,525	18,525		OUTBOUND	18,525
SANDY HOOK BAY AT LEDNARDU, N. J.				NO VESSEL TRIPS REPORTED						
SANDY HOOK BAY, N. J. TOTAL, 13 AND LESS			6	INBOUND		6		6	OUTBOUND	6
SANDY HOOK CHANNEL, N. Y.				NO VESSEL TRIPS REPORTED						
SAUGERTIES HARBOR, N. Y.				NO VESSEL TRIPS REPORTED						
SHARK RIVER, N. J.				NO VESSEL TRIPS REPORTED						
SHEEPSHEAD BAY, N. Y. TOTAL, 10 AND LESS	36	66		INBOUND 5	3	108	34	56	OUTBOUND 3	2
SHINNECOCK INLET, N. Y.				NO VESSEL TRIPS REPORTED						
SHOAL HARBOR AND COMPTON CREEK, N. J.				NO VESSEL TRIPS REPORTED						
SHREWSBURY RIVER, N. J.				NO VESSEL TRIPS REPORTED						
HALLABOUT CHANNEL, N. Y.				NO VESSEL TRIPS REPORTED						

## NEW YORK, NY, DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
WYCAKE CREEK, N. J.				NO VESSEL TRIPS REPORTED								
GOHANUS CANAL, N. Y. TOTAL, 33 AND LESS - - - - -		412	531	213	UPBOUND 130	1,206		413	527	DOWNBOUND 186	130	1,256
GRAVESEND BAY, N. Y. TOTAL, 45 AND LESS - - - - -	7	116	372	58	UPBOUND 104	657	6	112	382	DOWNBOUND 62	102	664
LONG ISLAND SOUND, N. Y.				NO VESSEL TRIPS REPORTED								
OYSTER BAY, N. Y. TOTAL, 15 AND LESS - - - - -		63	125	10	UPBOUND 89	267		62	116	DOWNBOUND 86		264
SANDY HOOK BAY, N. J. TOTAL, 38 AND LESS - - - - -	22	14	111		INBOUND 12	159	20	26	118	OUTBOUND 2	12	178

# PHILADELPHIA, PA, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION										TOTAL		
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS				
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER			
												DRAFT (FEET)	DRAFT (FEET)
DELAWARE RIVER, TRENTON, N. J. TO THE SEA (CONSOLIDATED REPORT) FOREIGN AND COASTWISE													
49	6	113											
48	2	6											
47	1	12											
46	6	9											
45	5	12											
44	12	12											
43	1	13											
42	4	9											
41	21	73				2							
40	13	144											
39	41	70											
38	9	70	15			1							
37	15	52											
36	25	29											
35	34	22											
34	26	29											
33	65	17				2							
32	67	20				1							
31	76	20	1										
30	80	27				3							
29	7	2				7							
28	94	28				1							
27	116	29				1							
26	204	31				1							
25	170	14				3							
24	156	10	14			2							
23	95	6	5			5							
22	90	21	60			1							
21	59	7	4			1							
20	230	129	1,106	252	525	2,252	294	102	1,189	252	360		2,217
19 AND LESS													
TOTAL	1,938	1,089	1,212	260	652	5,171	1,988	1,067	1,292	263	693		5,223
DELAWARE RIVER, TRENTON, N. J. TO THE SEA (CONSOLIDATED REPORT) INTERVAL													
39		2											
38													
37			31										
36		2											
35													
34		2											
33		3											
32		1											
31		2											
30		4											
29		3	1										
28		1											
27		3											
26		3											
25		1	52										
24		1											
23		1											
22		3											
21			3										
20				1									
19		1											
18 AND LESS													
TOTAL	15,682	126	7,183	1,144	3,143	27,478	15,681	119	7,080	1,146	3,685		27,617
DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.													
39	1	5											
38	20												
37	2	1	18										
36	4	2											
35	3	1											
34	3	3											
33	11	6											
32	29	6											
31	23	2											
30	22	3											
29	29	3											
28	26	4											
27	37	6											
26	32	6											
25	34	7											
24	36	4											
23	31	5											
22	20	4											
21	20	3											
20	5	1											
19	1	1											
18	6	1											
17	5	1											
16	1	1											
15													

## PHILADELPHIA, PA, DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TREYTON, N. J.--(CONTINUED)										
14	1		342	49	35			311	42	26
13	3		135	40	62	2		128	19	24
12 AND LESS	1	14	505	51	724	2	14	487	259	725
TOTAL	419	97	1,278	327	894	420	92	1,264	320	881
DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA										
49	6	113					1			
48	2	6								
47		9								
46	1	12								
45	6	9								
44	5	12								
43		13								
42	1	13								
41	4	9								
40	21	73		2		16	2			
39	13	145		6		22	2		6	
38	41	70		111		11	5		1	
37	9	70	29	2		18	28	42		
36	15	32		2		31	15		3	
35	25	31		3		41	19		5	
34	34	23		26		36	16		18	
33	26	30		14		38	34		17	
32	33	28		2		39	41		2	
31	65	17		19		45	38		39	
30	67	24	1	11		65	103	1	11	
29	74	24		29		62	82		39	
28	80	30	1	3		89	101	1	35	
27	94	31		7		83	92		26	
26	116	34		1		109	124		26	
25	204	34		1		128	97		2	
24	170	32	64	3		129	60	25	59	
23	175	16		2		137	47		1	
22	158	18	20	2		171	25	18	70	
21	95	10	5	5		105	23	5	5	
20	99	21	65	1		169	34	67	2	
19	59	7	4	1		74	17	4	1	
18 AND LESS	16,106	255	8,219	1,386	3,865	16,189	222	8,322	1,430	3,619
TOTAL	17,806	1,250	8,408	1,414	4,290	17,805	1,229	8,485	1,443	4,292
DELAWARE RIVER AT CAMDEN, N. J.										
38	3	8				2				
37	2					5				
36	2					7				
35	5	1				5	1			
34	11	1				5				
33	11	1				16				
32	13					11	2			
31	15					8				
30	19					10	1			
29	16					10	4			
28	16	1				17				
27	13					14				
26	20	1		1		25	2			
25	28					26				
24	33		88	1		25	2			
23	49			2		50	2			
22	32			1		33	1		2	
21	34					34	16			
20	24			3		38	1			
19	25			7		25			1	
18 AND LESS	49	10	1,188	30	266	83	8	1,281	29	270
TOTAL	419	23	1,276	30	281	415	24	1,281	29	273
SCHUYLKILL RIVER, PA.										
33		7	1			25	3	1		
32		3				4			3	
31	1	5				1	1		3	
30		4				1	4		1	
29		2				3	3		3	
28		2				1	2		1	
27		3				3	3		2	
26	1	1				3	5		4	
25	12	1				2	4		13	
24	2	2				1		4	15	
23	5					3	1		15	
22	2		18			1	18		19	
21	5					2			10	
20	5		14			2	14		13	
19	3			15		18	1		29	
18	1			3		2	1		15	
17				26		3	2		16	
16				15		15			17	
15				33		1	133		21	
14	1		132	48		5	44		7	
13			36	100		1	37		2	

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	DRAFT (FEET)	SELF PROPELLED VESSELS			TOTAL	SELF PROPELLED VESSELS			TOTAL	
		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT		
SCHUYLKILL RIVER, PA.--(CONTINUED)										
12 AND LESS--			15	1,713	171	1,112	7	1,701	160	1,056
TOTAL--		38	45	1,968	171	1,393	45	1,954	169	1,394
PHILADELPHIA HARBOR, PA.										
47--			34		34					
46--		1	1		2					
45--		1	1		2					
44--			2		2					
42--			7		7					
41--		1	1		2					
40--		16	17		33	16				16
39--		4	46		50	22				22
38--		5	18		23	6				6
37--		2	6	23	31	11	9	22		42
36--		6	7		13	20	4			24
35--		7	3		10	23	9			32
34--		9	10		19	21	3			24
33--		10	6		16	18	3		3	24
32--		12	14		26	18			12	52
31--		25	12		37	23	4		3	30
30--		41	8		49	36	33	1	2	72
29--		40	10		50	26	18		7	51
28--		48	9		57	48	33		13	85
27--		54	14		68	50	15		4	73
26--		73	8		81	55	32		15	102
25--		66	8		74	74	26		2	119
24--		71	18		89	60	14	45	15	154
23--		86	6		92	70	16		1	102
22--		99	5	20	124	88	8	18	14	132
21--		44	5	5	54	36	7	5	10	58
20--		55	4	19	78	60	6	19	13	98
19--		26	3	1	30	34	3	1	30	68
18 AND LESS--		3,245	119	4,262	443	1,789	3,241	133	4,197	439
TOTAL--		4,066	398	4,330	446	1,932	4,082	394	4,308	442
TRENTON HARBOR, N. J.										
17--					67					
16--			3		3			3		3
15--					91	2		1		1
14--				112	112	113			112	112
13--				50	50	57		50	50	50
12--				60	60	64		60	60	60
11--					7	7				
10--					4	4				
9--					6	6				
8--					4	4			1	1
7--					4	4				
6 AND LESS--					6	3			163	34
TOTAL--				225	164	42		226	163	40
WILMINGTON HARBOR, DELAWARE										
36--		5	1	1	7	3		1		4
35--		4	3		7	7				7
34--		13			13	3				3
33--		4			4	1				1
32--		1			1	2				2
31--		8			8	8				8
30--		4			4	4	1			5
29--		15			15	6	1			7
28--		12			12	11				11
27--		24			24	14			1	15
26--		20	1		21	18				18
25--		54			54	19				19
24--		54	1		55	15	1			16
23--		38	2		40	23	1			24
22--		24			24	46				46
21--		16			16	50	1			51
20--		10			10	14				14
19--		5		1	6	15				15
18 AND LESS--		298	4	183	485	312	7	180	13	127
TOTAL--		609	12	185	806	617	12	181	13	128
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL. AND MD. CHESAPEAKE AND DELAWARE CANAL										
36--				2	2	1	1	6		8
35--						1				1
34--							1		1	2
33--		41	3	3	47	38	2	6	2	3
32--		63	1	2	66	53	2	3	1	3
31--		40	4	1	45	41	2	2	1	3
30--		60	2	3	65	56	6	5	3	3
29--		107	1	10	118	85	10	6	5	14
28--		84	7	3	94	86	11	8	8	2
27--		110	7	7	124	88	8	7	10	27
26--		104	6	3	113	76	8	7		5



## PHILADELPHIA, PA, DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL. AND MD.-CHESAPEAKE AND DELAWARE CANAL--(CONTINUED)												
23 - - - - -	64	3	3	3	1	74	34	3	4	3	3	47
22 - - - - -	35	8	7	32	3	85	40	4	4	1	9	58
21 - - - - -	50	7	8	84	3	152	31	3	3	4	8	49
20 - - - - -	53	9	2	9	5	76	86	4	4	3	9	106
19 - - - - -	22	1	6	6	6	43	17	2	6	5	16	46
18 - - - - -	17	2	9	6	7	41	18	5	8	5	9	45
17 - - - - -	12		25	63	9	109	15	1	29	3	31	79
16 - - - - -	13		99	90	10	212	18	7	96	15	60	196
15 - - - - -	7	1	88	29	39	164	9	6	107	12	100	234
14 - - - - -	10	3	261	25	40	339	9	1	264	37	137	446
13 - - - - -	6	2	188	31	27	254	4	1	215	34	72	326
12 AND LESS - - - - -	102	12	1,636	895	915	3,560	152	8	1,576	1,140	536	3,412
TOTAL - - - - -	1,000	79	2,366	1,287	1,085	5,817	974	96	2,366	1,291	1,053	5,780
ABSECON CREEK, N. J.				NO VESSEL TRIPS	REPORTED							
ABSECON INLET, N. J.					UPBOUND						DOWNBOUND	
TOTAL, 13 AND LESS - - - - -	2,064		3	1		2,068	2,064		2			2,066
ALLOWAY CREEK, N. J.				NO VESSEL TRIPS	REPORTED							
APPOQUINIMINK RIVER, DEL.				NO VESSEL TRIPS	REPORTED							
BARNEGAT INLET, N. J.					UPBOUND						DOWNBOUND	
TOTAL, 10 AND LESS - - - - -	2,415					2,415	2,415					2,415
BIG TIMBER CREEK, N. J.				NO VESSEL TRIPS	REPORTED							
BROADKILL RIVER, DEL.				NO VESSEL TRIPS	REPORTED							
CAPE MAY CANAL, N. J.					UPBOUND						DOWNBOUND	
TOTAL, 8 AND LESS - - - - -	4,397					4,397	3,588		1			3,589
COHANSEY RIVER, N. J.					UPBOUND						DOWNBOUND	
TOTAL, 12 AND LESS - - - - -	120		6			126	120		6			126
COLD SPRING INLET, N. J.					UPBOUND						DOWNBOUND	
TOTAL, 13 AND LESS - - - - -	3,139					3,139	3,521					3,521
COOPER RIVER, N. J.					UPBOUND						DOWNBOUND	
TOTAL, 10 AND LESS - - - - -			2		5	7			2		5	7
HARBOR OF REFUGE, DELAWARE BAY, DEL.					UPBOUND						DOWNBOUND	
TOTAL, 12 AND LESS - - - - -	2,560		9		2	2,571	2,560		12		1	2,573
HOPE CREEK, N. J.					UPBOUND						DOWNBOUND	
TOTAL, 9 AND LESS - - - - -			1			1			1			1
INDIAN RIVER INLET AND BAY, DEL.					UPBOUND						DOWNBOUND	
TOTAL, 5 AND LESS - - - - -	298					298	298					298
INLAND WATERWAY BETWEEN REMOOTH BAY AND DELAWARE BAY, DEL.					UPBOUND						DOWNBOUND	
TOTAL, 6 AND LESS - - - - -	692					692	652					652
LEIPSIK RIVER, DEL.				NO VESSEL TRIPS	REPORTED							
LITTLE EGG HARBOR, N. J.				NO VESSEL TRIPS	REPORTED							
LITTLE RIVER, DEL.					UPBOUND						DOWNBOUND	
TOTAL, 4 AND LESS - - - - -	23					23	23					23
MANASQUAN RIVER, N. J.					UPBOUND						DOWNBOUND	
TOTAL, 16 AND LESS - - - - -	2,297					2,297	2,298					2,298
MANTUA CREEK, N. J.					UPBOUND						DOWNBOUND	
TOTAL, 10 AND LESS - - - - -			59	73	6	138			54	73	6	133

## PHILADELPHIA, PA, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
HAURICE RIVER, N. J. TOTAL, 8 AND LESS - - - - -	903				UPBOUND	903	903				DOWNBOUND	903
MISPELLION RIVER, DEL. TOTAL, 5 AND LESS - - - - -	3,217				UPBOUND	3,217	3,217				DOWNBOUND	3,217
MURDERHILL RIVER, DEL. TOTAL, 6 AND LESS - - - - -	1,477				UPBOUND	1,477	1,477				DOWNBOUND	1,477
NEW JERSEY INTRACOASTAL WATERWAY TOTAL, 12 AND LESS - - - - -	14,029				UPBOUND	14,029	14,069		1		DOWNBOUND	14,070
OLDMANS CREEK, N. J. TOTAL, 5 AND LESS - - - - -				1	UPBOUND	2			1		DOWNBOUND	2
PEPPER CREEK, DEL. TOTAL, 4 AND LESS - - - - -	15				UPBOUND	15	15				DOWNBOUND	15
SALEM RIVER, N. J.					NO VESSEL TRIPS REPORTED							
SHYRNA RIVER, DEL. TOTAL, 4 AND LESS - - - - -	220				UPBOUND	220	220				DOWNBOUND	220
ST. JONES RIVER, DEL.					NO VESSEL TRIPS REPORTED							
TOMS RIVER, N. J.					NO VESSEL TRIPS REPORTED							
TUCKERTON CREEK, N. J. TOTAL, 4 AND LESS - - - - -	27				UPBOUND	27	27				DOWNBOUND	27
WATERWAY FROM INDIAN RIVER INLET TO REMOOTH BAY, DEL. TOTAL, 5 AND LESS - - - - -	40				UPBOUND	40					DOWNBOUND	

## BALTIMORE, MD, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
BALTIMORE HARBOR AND CHANNELS, MD.												
42 -	1					1	2					2
41 -	12					12	8					8
40 -	39	1				40	48					48
39 -	7	1				8	32					32
38 -	2	1				3	43					43
37 -	6	1	12			19	35	2	10			47
36 -	25	6				31	46					46
35 -	32	5				37	50	12				62
34 -	49	5				54	61	4				65
33 -	59	11				70	74	2				76
32 -	89	6		2	1	97	91	2		2		95
31 -	149	16				165	78	5				83
30 -	186	9			2	197	246	5				251
29 -	189	15			2	206	180	7				187
28 -	222	25	1	3	2	253	230	13			2	245
27 -	258	15		9	2	284	286	9				296
26 -	252	6	1	1	5	265	233	16			1	254
25 -	275	14		1	8	299	194	21	15		3	333
24 -	226	25	1	7	3	262	168	6	1		7	187
23 -	136	5		7	23	171	116	10		5		132
22 -	102	4		2	18	128	79	33		2		114
21 -	84	5		2	5	99	64	7		5		79
20 -	65	10	1	4	4	84	105	12	1	4	3	125
19 -	50	4		2	7	63	43	10		4	1	62
18 AND LESS -	3,732	779	13,559	1,271	2,200	21,541	3,745	793	13,617	1,233	2,237	21,625
TOTAL -	6,245	971	13,575	1,311	2,285	24,368	6,257	971	13,629	1,284	2,256	24,397
SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD.												
13 -			7			7		7				7
12 -			33			33		33		15		48
11 -			188			188		188		27		215
10 -			37			37		45	308			353
9 -			169			169		176				176
8 -			86			86		89				89
7 -			2			2		4				4
6 -			13	160		173		10				10
5 -			2			2		2				2
4 -										1		1
3 -				1		1				19		19
2 -				204		204				1		1
TOTAL -			537	365		902		554	366			920
CHOPTANK RIVER, MD.												
20 -	1					1						
18 -	1					1						
16 -							1					1
15 -	2					2						
14 -												
12 -			10	15		25						1
11 -			53	27		80		10				12
10 -				112	3	115		53				53
9 -						149		2				2
8 -	9		131	18		149		116				116
7 -			61	7	4	71	9	67				76
6 -			35			35		20				20
6 AND LESS -			50		2	52		29	166	25		220
TOTAL -	13		340	161	27	541	13	291	166	25		495
WICOMICO RIVER, MD., (EASTERN SHORE)												
13 -			2	1	41	44		1			1	2
12 -			120		27	147		120				120
11 -			66	3	17	86		62				62
10 -				129	4	133			1	1		2
9 -			76		7	83		74				74
8 -			50	1	4	55		51				51
7 -			13		3	16		8				8
6 AND LESS -				1	14	15			130	111		241
TOTAL -			327	135	117	579		316	131	113		560
WASHINGTON HARBOR, D. C.												
17 -			7			7						
16 -						20			2			2
15 -						25						
13 -			3			3						
12 AND LESS -	2,055		246	2	209	2,512	2,050		254	2	254	2,572
TOTAL -	2,055		256	2	258	2,571	2,050		259	2	259	2,577
ANACOSTIA RIVER, D. C.												
17 -			7			7						
16 -						20						
15 -						25						
13 -			3			3						
12 AND LESS -	205		205	2	209	619		255	2	256		515
TOTAL -			255	2	258	515		260	2	259		520

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
POTOMAC RIVER BELOW WASHINGTON, D. C.												
32 -		15				15		3				3
31 -		3				3						
30 -		1				1		1				1
29 -								1				1
28 -	1	1			1	2	1	1				2
27 -			9			9		1	5			6
26 -								1				1
25 -		2				2		1				1
24 -					1	1		1				1
23 -		1				1	1	3			2	6
22 -	2	1				3		1			1	2
21 -	5					5		3				3
20 -	5		1			6	1	3	1			5
19 -	5					5	4	2				6
18 AND LESS -	1,252		1,626	968	800	4,646	1,257	3	1,605	973	801	4,639
TOTAL -	1,274	23	1,636	968	815	4,716	1,273	25	1,611	973	804	4,686
BRETON BAY, MD.												
11 -			1			1						
10 -			2			2			1			1
9 -			9			9			2	11		13
8 -			73			73			11			11
7 -				3		3			72	951		1,023
6 -				331		331						
5 -			610	623		1,233			620			620
4 -												
3 -												
2 -												
TOTAL -			695	957		1,652			706	962		1,668
JOCOQUAN CREEK, VA.												
8 -			72			72			72			72
5 -			1			1			1			1
3 -										331		331
2 -			620			620			610	620		1,230
TOTAL -			693	951		1,644			683	951		1,634
ANNAPOLIS HARBOR, MD.												
TOTAL, 18 AND LESS -	906					906	906					906
AQUIA CREEK, VA.												
				NO VESSEL TRIPS REPORTED								
BACK CREEK, ANNE ARUNDEL COUNTY, MD.												
				NO VESSEL TRIPS REPORTED								
BETTERTON HARBOR, MD.												
				NO VESSEL TRIPS REPORTED								
BLACK WALNUT HARBOR, MD.												
				NO VESSEL TRIPS REPORTED								
BONUM CREEK, VA.												
				NO VESSEL TRIPS REPORTED								
BRANSONS COVE, VA.												
				NO VESSEL TRIPS REPORTED								
BROAD CREEK RIVER, DEL.												
				NO VESSEL TRIPS REPORTED								
BROAD CREEK, SOMERSET COUNTY, MD.												
				NO VESSEL TRIPS REPORTED								
BROADWATER CREEK, MD.												
				NO VESSEL TRIPS REPORTED								
CADLE CREEK, MD.												
				NO VESSEL TRIPS REPORTED								
CAMBRIDGE HARBOR, MD.												
TOTAL, 18 AND LESS -	7		71	43		121	7		67			118
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD.												
				NO VESSEL TRIPS REPORTED								
CHESTER RIVER, MD.												
TOTAL, 9 AND LESS -			32	22	2	56			31		2	57
CLAIBORNE HARBOR, MD.												
				NO VESSEL TRIPS REPORTED								
CORN RIVER, VA.												
				NO VESSEL TRIPS REPORTED								

*Waterborne Commerce of the United States, 1985*  
BALTIMORE, MD, DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			TOTAL
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	
CORSICA RIVER, MD. TOTAL, 8 AND LESS - - - - -			2	UPBOUND		2			2	DOWNBOUND 2
CRISFIELD HARBOR, MD. TOTAL, 10 AND LESS - - - - -	524		40	INBOUND 3	21	545	524		42	OUTBOUND 3 21 545
CUCKOLD CREEK, MD.		NO VESSEL TRIPS	REPORTED							
DUCK POINT COVE, MD.		NO VESSEL TRIPS	REPORTED							
ELK AND LITTLE ELK RIVERS, MD. TOTAL, 9 AND LESS - - - - -			1	UPBOUND		1			1	DOWNBOUND 1
FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD. TOTAL, 8 AND LESS - - - - -			2	UPBOUND 2		4			2	DOWNBOUND 2 4
FISHING CREEK, CALVERT COUNTY, MD.		NO VESSEL TRIPS	REPORTED							
GOOSE CREEK, SOMMERSET COUNTY, MD.		NO VESSEL TRIPS	REPORTED							
HERRING BAY AND ROCKHOLD CREEK, MD.		NO VESSEL TRIPS	REPORTED							
HERRING CREEK, MD.		NO VESSEL TRIPS	REPORTED							
HONGA RIVER AND TAR BAY, MD. TOTAL, 5 AND LESS - - - - -			5	UPBOUND 3		8			7	DOWNBOUND 3 10
ISLAND CREEK, MD.		NO VESSEL TRIPS	REPORTED							
KNAPPS NARROWS, MD.		NO VESSEL TRIPS	REPORTED							
LITTLE CREEK, QUEEN ANNES COUNTY, MD.		NO VESSEL TRIPS	REPORTED							
LITTLE WICOMICO RIVER, VA. TOTAL, 3 AND LESS - - - - -			8,472	UPBOUND 8,472		16,944			8,472	DOWNBOUND 8,472 16,944
LOWER MACHODOC CREEK, VA.		NO VESSEL TRIPS	REPORTED							
LOWER THOROUGHFARE AT OR NEAR WENONA, DEAL ISLAND, MD.		NO VESSEL TRIPS	REPORTED							
LOWES WHARF, TALBOT COUNTY, MD. TOTAL, 8 AND LESS - - - - -			6	INBOUND 8		14			6	OUTBOUND 3 9
MANOHIN RIVER, MD. TOTAL, 8 AND LESS - - - - -			2	UPBOUND 2		4			2	DOWNBOUND 2 4
MIDDLE RIVER AND DARK HEAD CREEK, MD. TOTAL, 14 AND LESS - - - - -			118	UPBOUND 115		233			117	DOWNBOUND 115 232
MILL CREEK, MD.		NO VESSEL TRIPS	REPORTED							
MONROE BAY AND CREEK, VA.		NO VESSEL TRIPS	REPORTED							
MUDDY HOOK AND TYLER COVES, MD.		NO VESSEL TRIPS	REPORTED							
NAN COVE, MD.		NO VESSEL TRIPS	REPORTED							
NANTICOKE RIVER (INCLUDING NORTHWEST POINT), DEL. AND MD. TOTAL, 12 AND LESS - - - - -			107	UPBOUND 36	85	228			102	DOWNBOUND 30 82 214
NANTICOKE RIVER AT BIVALVE, MD.		NO VESSEL TRIPS	REPORTED							
NANTICOKE RIVER AT NANTICOKE, MD.		NO VESSEL TRIPS	REPORTED							
NEALE SOUND, MD.		NO VESSEL TRIPS	REPORTED							

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)											
NOMINI BAY AND CREEK, VA.			NO VESSEL TRIPS	REPORTED							
NORTHEAST RIVER, MD.			NO VESSEL TRIPS	REPORTED							
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD. TOTAL, 10 AND LESS - - - - -	156		2	INBOUND		158	156		3	OUTBOUND	159
PARISH CREEK, MD.			NO VESSEL TRIPS	REPORTED							
PATUXENT RIVER, MD. TOTAL, 15 AND LESS - - - - -			62	UPBOUND 5 51	118			70		DOWNBOUND 5 51	126
POCOMONE RIVER, MD. TOTAL, 10 AND LESS - - - - -			174	UPBOUND 143 5	322			158		DOWNBOUND 143 5	306
POTOMAC RIVER AT ALEXANDRIA, VA. TOTAL, 23 AND LESS - - - - -	55		1	INBOUND 1	57	54		1		OUTBOUND 1	56
POTOMAC RIVER AT LOWER CEDAR POINT, MD.			NO VESSEL TRIPS	REPORTED							
POTOMAC RIVER AT MT. VERNON, VA. TOTAL, 8 AND LESS - - - - -	1,216			UPBOUND	1,216	1,216				DOWNBOUND	1,216
POTOMAC RIVER, VIRGINIA CHANNEL, D.C. TOTAL, 8 AND LESS - - - - -	841			INBOUND	841	839				OUTBOUND	839
POTOMAC RIVER, WASHINGTON CHANNEL, D. C. TOTAL, 8 AND LESS - - - - -	1,833			INBOUND	1,833	1,833				OUTBOUND	1,833
QUEENSTOWN HARBOR, MD.			NO VESSEL TRIPS	REPORTED							
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD.			NO VESSEL TRIPS	REPORTED							
ROCK HALL HARBOR, MD.			NO VESSEL TRIPS	REPORTED							
SLAUGHTER CREEK, MD.			NO VESSEL TRIPS	REPORTED							
SMITH CREEK, MD.			NO VESSEL TRIPS	REPORTED							
ST. CATHERINES SOUND, MD.			NO VESSEL TRIPS	REPORTED							
ST. JEROME CREEK, MD.			NO VESSEL TRIPS	REPORTED							
ST. MICHAELS HARBOR, MD. TOTAL, 10 AND LESS - - - - -	825			INBOUND	825	825				OUTBOUND	825
ST. PATRICKS CREEK, MD.			NO VESSEL TRIPS	REPORTED							
ST. PETERS CREEK, MD.			NO VESSEL TRIPS	REPORTED							
TILGHMAN ISLAND HARBOR, MD. TOTAL, 8 AND LESS - - - - -			2	INBOUND	2			2		OUTBOUND	2
TOWN CREEK, MD. TOTAL, 8 AND LESS - - - - -	6			UPBOUND	6	6				DOWNBOUND	6
TRED AVON RIVER, MD. TOTAL, 12 AND LESS - - - - -	6,983		193	UPBOUND 111 27	7,314	6,984		190		DOWNBOUND 110 25	7,309
TRITCH COVE AND BIG THOROUGHFARE RIVER, MD. TOTAL, 9 AND LESS - - - - -	1,378	10	27	UPBOUND 6 8	1,429	1,378	10	30		DOWNBOUND 9 8	1,435
TYBANKIN CREEK, MD.			NO VESSEL TRIPS	REPORTED							

## BALTIMORE, MD, DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
UPPER MACHODOC CREEK, VA.				NO VESSEL TRIPS	REPORTED							
UPPER THOROUGHFARE, DEAL ISLAND, MD. TOTAL, 8 AND LESS - - - - -					UNBOUND 3	7				4	DOWNBOUND 3	7
WARMICK RIVER, MD.				NO VESSEL TRIPS	REPORTED							
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD.				NO VESSEL TRIPS	REPORTED							

# NORFOLK, VA, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
<b>NORFOLK HARBOR, VA.</b>												
47				INBOUND			97			OUTBOUND		
46	1					1	25					25
45	1					1	31					31
44							13					13
43		2				2	24					24
42		3				3	41	2				43
41	1	2				3	23					23
40	8	4				12	65	1				66
39	8	3				11	34					34
38	5	5				10	21					21
37	10	4				14	17	1				18
36	30	2				32	57	4				61
35	52	5				57	74	26				100
34	57	5				62	57	4				61
33	78	5				83	68	1				69
32	109	10			1	120	113	8				121
31	132	2				134	80	3				83
30	166	6	1		1	174	130	15			1	146
29	117	9				126	137	2				139
28	196	8	2	2		208	139	5	4			148
27	190	8				205	153	10				163
26	133	10				146	108	6	2			116
25	197	12		11	6	226	144	16		23	2	165
24	177	28		1	1	207	98	8		1	2	100
23	142	8				156	83	12				99
22	98	7	1	2	2	110	80	14	2			102
21	70	4	3	4	3	84	57	6	3		1	75
20	68	7	6	5	1	87	70	10	4	9		93
19	48	1	2	6	10	67	43	6	2	12		63
18 AND LESS	1,185	1,225	8,984	4,675	1,559	17,628	1,177	1,148	9,036	4,739	1,600	17,750
TOTAL	3,275	1,385	8,999	4,719	1,587	19,965	3,259	1,358	9,053	4,802	1,606	20,078
<b>NEWPORT NEWS CREEK, VA.</b>												
10		161	271	UPBOUND						DOWNBOUND		
9			2	46	1	479		19	271	13		303
8			3	348		350			2			2
7			3			3			5			5
6 AND LESS		26	7	1		34		167	3	362	1	553
TOTAL		187	290	395	1	873		186	291	395	1	873
<b>HAMPTON ROADS, VA.</b>												
47				INBOUND			152			OUTBOUND		
46	2					2	38					38
45	1					1	64					64
44							27					27
43		2				2	42					42
42	1	4				5	64	2				66
41	8	2				10	35					35
40	5	4				9	82	1				83
39	13	5				18	46					46
38	12	6				18	40					40
37	16	6				22	28	1				29
36	38	3				41	67	4				71
35	58	6				64	83	26				109
34	67	5				72	68	7				75
33	87	6				93	72	1				73
32	121	10			1	132	120	9				129
31	142	3				145	89	3				92
30	193	6	1		1	201	141	16			1	158
29	139	9				148	151	3				154
28	225	11	3	2		241	150	5	3			158
27	208	10		7		225	165	11		2		178
26	154	12		3		169	124	7	2			133
25	225	12		11	5	253	155	17		23	3	196
24	224	30	1	2	1	258	110	13		1	2	124
23	178	8		3	2	191	95	13		4	1	113
22	128	7	1	2	3	141	90	15	2	6		113
21	90	5	3	5	5	108	66	6	3	13	1	89
20	92	7	5	6	2	112	78	13	5	9		105
19	63	1	3	6	8	81	51	7	2	13	2	75
18 AND LESS	1,210	1,229	10,085	6,138	1,665	20,336	1,203	1,279	10,111	6,164	1,585	20,342
TOTAL	3,705	1,811	10,102	6,185	1,693	21,696	3,690	1,859	10,128	6,235	1,595	21,116
<b>CHANNEL TO NEWPORT NEWS, VA.</b>												
47	55			EASTBOUND			55			WESTBOUND		
46	13					13						
45	33					33	1					1
44	14					14						
43	18					18						
42	23					23	1	1				2
41	12					12	3					3
40	17					17	1					1
39	15					15	5	2				7
38	19					19	7	1				8
37	11					11	6	2				9
36	10					10	8	1				9
35	8					8	6	3				9
34	11	2				13	10	1				11

\* EXCLUDES DOMESTIC FISH LANDINGS



*Waterborne Commerce of the United States, 1985*

**NORFOLK, VA, DISTRICT**

TRIPS AND DRAFTS OF VESSELS \*

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
CHANNEL TO NEWPORT NEWS, VA.--(CONTINUED)				EASTBOUND						WESTBOUND		
33 -	4					4	9	1				10
32 -	7	1				8	12					12
31 -	9					9	10					11
30 -	11	1				12	27	1				27
29 -	14	1				15	22					22
28 -	11					11	29	3				32
27 -	12	1		2		15	18	2				20
26 -	16	1				17	21	2				23
25 -	12	1			2	15	20					20
24 -	18					18	47	2	1	1		51
23 -	16	1				17	36	3				39
22 -	20	1		1	1	22	47	2			3	52
21 -	34	1		4	1	40	58	1			2	42
20 -	20	3		2	1	26	36				1	42
19 -	23	2		1		26	91		1			38
18 AND LESS -	64	574	3,309	6,208	520	10,675	567	3,288		4,215	442	10,601
TOTAL -	570	595	3,309	6,222	525	11,221	559	595	3,290	4,214	451	11,109
PORT OF NEWPORT NEWS, VA.				INBOUND						OUTBOUND		
46 -	1					1	68					68
45 -							33					33
44 -							14					14
43 -							18					18
42 -	1	1				2	23					23
41 -	3					3	12					12
40 -	1					1	17					17
39 -	5	2				7	15					15
38 -	7	1				8	19					19
37 -	6	2				8	11					11
36 -	8	1				9	10					10
35 -	6	3				9	9					9
34 -	10	1				11	11	2				13
33 -	9	1				10	4					4
32 -	12					12	7	1				8
31 -	10					10	9					9
30 -	27	1				28	11	1				12
29 -	22					22	14	1				15
28 -	29	3				32	11					11
27 -	19	2				21	12	1		2		15
26 -	21	2				23	16	1				17
25 -	28					28	11	1				12
24 -	47	2	1	1		51	12	5		2		19
23 -	36					36	12	1				13
22 -	30				1	31	10	1			1	12
21 -	20	1			2	23	9			6		15
20 -	24				1	25	8	3		1		12
19 -	15					15	1			1		10
18 AND LESS -	34	555	1,678	500	239	3,006	26	570	1,698	489	206	2,900
TOTAL -	430	576	1,680	501	243	3,432	440	589	1,698	489	206	3,435
JAMES RIVER, VA.				INBOUND						DOWNBOUND		
22 -	17	5			2	24	41	1		1		44
21 -	18				1	19	25					25
20 -	16					16	12			1		14
19 -	16				1	17	15	1		2		18
18 -	13					13	4	3		2		9
17 -	9					9	7					7
16 -	13	8	2		16	29	12			36	4	52
15 -	9	1	8	1	65	84	2		7	7	93	109
14 -	1			1	10	12	1			24	2	27
13 -	2	1	6		9	18	3			2	1	10
12 AND LESS -	10,632	5	4,305	10,551	196	25,689	10,629	14	4,303	10,677	100	25,622
TOTAL -	10,750	20	4,321	10,553	301	25,945	10,751	19	4,314	10,552	301	25,937
PORT OF RICHMOND, VA.				INBOUND						OUTBOUND		
24 -							1					1
23 -							8					8
22 -	15				2	17	18				1	19
21 -	17				1	18	24					24
20 -	14					14	15					15
19 -	15				1	16	10					10
18 -	7					7	7					7
17 -	5					5	7					7
16 -	7	8			16	31	12					12
15 -	5	1	6		6	20	2		6	1	80	89
14 -					5	5	1					1
13 -	2	1	2		72	77	3		2	1	1	7
12 AND LESS -	7	1	693	1,130	59	1,840	4	11	631	1,128	77	1,855
TOTAL -	94	11	691	1,130	165	2,041	93	11	639	1,130	166	2,039
PORT OF HOPEWELL, VA.				INBOUND						OUTBOUND		
25 -							1					1
24 -							25	1				26
23 -		3				3	4			1		5
22 -	2	2				4	2					2
21 -	1					1	1					1

\* EXCLUDES DOMESTIC FISH LANDINGS

# NORFOLK, VA, DISTRICT

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## TRIPS AND DRAFT OF VESSELS

HARBOR OR WATERWAY	DIRECTION				DIRECTION			
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	TOTAL	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	TOTAL
PORT OF NORFOLK, VA. (CONTINUED)								
20 -	2			2	2			3
19 -	6			6	1	1		4
18 -	6			6	1	3		6
17 -	3			3				
16 -	6		2	8				36
15 -	4		2	6			1	7
14 -	1			1				24
13 -			3	3			1	2
12 AND LESS -	4		176	180			100	375
TOTAL -	35	5	183	423	37	5	190	492
LITTLE RIVER (CHECK), VA.								
15 -			7	7				6
13 -			10	10				19
12 -			47	47				320
11 -			593	593				598
10 -		2	37	39				50
9 -			148	148		1	44	163
8 -			1	1			139	449
7 -			3	3			1	9
6 -		1	2	3				3
5 -			5	5		1	2	4
4 -								
3 -								65
2 -	1			1			12	134
TOTAL -	1	3	862	1,795	2	864	918	1,820
HAMPTON CREEK, VA.								
11 -			3	3				3
10 -		73	390	463			3	426
9 -			8	8			8	8
8 -		37	1	38			1	156
7 -			101	101			156	1,074
6 AND LESS -		11	7	18		115	7	1,600
TOTAL -		121	570	1,691		115	565	1,600
APPOMATTOX RIVER, VA.								
11 -			5	5				3
10 -			275	275			3	425
9 -			2	2			2	1,817
8 -			2	2			2	2
7 -								1
6 -								3
5 -								1
4 -								1
3 -								1
2 -								10
TOTAL -			284	1,817			281	2,265
ATLANTIC INTRACASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) DISMAL SWAMP CANAL AND PASSENGER RIVER								
8 -								
7 -								
6 -								
5 -								
4 -								
3 -								
2 -								
TOTAL -			66	262			172	558
ATLANTIC INTRACASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) VIA SPRAY BRIDGE LOCK								
12 -			55	55				
11 -			7	7				
10 -			350	350				
9 -			68	68				
8 -			172	172				
7 -			83	83				
6 AND LESS -			0	0				
TOTAL -			786	1,196			709	2,102
ALACUATTA RIVER, VA.								
7 -			122	122				
6 -			11	11				
5 -								
4 -								
3 -								
2 -								
TOTAL -			133	983			133	716

\* EXCLUDES DOMESTIC FISH LANDINGS

*Waterborne Commerce of the United States, 1985*

**NORFOLK, VA, DISTRICT**

TRIPS AND DRAFTS OF VESSELS 4

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
YORK RIVER, VA.				UPBOUND					DOWNBOUND			
37	1	30				31						
36		4				4						
35		2				2						
34		0				0		2				
33		3				3		3				
32		6				6		2				
31		2			2	2		1				
30		2				2		1				
29		5			1	3		1			1	
28						5	1	3				
27								9			5	
26		1			1	2		10			12	
25		1				1		3			23	
24								5			7	
23							1	9			1	
22								1			3	
21			49			49		3			2	
20								1	48		1	
19								8			3	
18 AND LESS	18	15	738	338	314	1,423	8	20	727	337	254	1,346
TOTAL	19	70	787	338	318	1,501	19	81	775	337	318	1,530
ABERDEEN CREEK, VA.				NO VESSEL TRIPS REPORTED								
BEACH CREEK, VA.				NO VESSEL TRIPS REPORTED								
BROAD CREEK, VA.				UPBOUND					DOWNBOUND			
TOTAL, 9 AND LESS			2			2						
CAPE CHARLES CITY HARBOR, VA.				INBOUND					OUTBOUND			
TOTAL, 15 AND LESS	444		828	795		2,067	444		827	794		2,065
CARTERS CREEK, VA.				UPBOUND					DOWNBOUND			
TOTAL, 10 AND LESS			1			1			1			
CHANNEL CONNECTING YORK RIVER, VA., WITH RACK CREEK TO SLAIGHTS SHARP, VA.				NO VESSEL TRIPS REPORTED								
CHANNEL FROM PHOEBUS, VA. TO DEEP WATER IN HAMPTON ROADS, VA.				NO VESSEL TRIPS REPORTED								
CHESAPESEX CREEK, VA.				NO VESSEL TRIPS REPORTED								
CHINCOTEAGUE BAY, MD. AND VA.				NO VESSEL TRIPS REPORTED								
CHINCOTEAGUE HARBOR OF REFUGE, VA.				NO VESSEL TRIPS REPORTED								
CRANES CREEK, VA.				NO VESSEL TRIPS REPORTED								
DAVIS CREEK, VA.				NO VESSEL TRIPS REPORTED								
DEEP CREEK, ACCOMACK COUNTY, VA.				NO VESSEL TRIPS REPORTED								
DEEP CREEK, NEWPORT NEWS, VA.				NO VESSEL TRIPS REPORTED								
DELAMARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION				UPBOUND					DOWNBOUND			
TOTAL, 9 AND LESS	631		2			633	631		3			634
DOVER CREEK, VA.				NO VESSEL TRIPS REPORTED								
DOVER CREEK, VA.				NO VESSEL TRIPS REPORTED								
DOVER CREEK, VA.				NO VESSEL TRIPS REPORTED								
DOVER CREEK, VA.				UPBOUND					DOWNBOUND			
TOTAL, 10 AND LESS			1	7		8			1	7		8
DOVER CREEK, VA.				UPBOUND					DOWNBOUND			
TOTAL, 9 AND LESS	280					280	280					280
EXCLUDES DOMESTIC FISH LANDINGS												

NORFOLK, VA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION				DRAFT (FEET)			
	IN	OUT	THRU	TOTAL	IN	OUT	THRU	TOTAL
KINGS CREEK, NORTHAMPTON COUNTY, VA. TOTAL, 5 AND LESS - - - - -	15			15	15			15
LAFAYETTE RIVER, VA. TOTAL, 6 AND LESS - - - - -			1	1			1	1
LITTLE RACHIPONGO RIVER, VA.	NO VESSEL TRIPS REPORTED							
LUCKLES CREEK, VA. TOTAL, 5 AND LESS - - - - -	429			429	429			429
LYNHAVEN ROAD, INLET, AND CONNECTING RIVERS, VA. TOTAL, 9 AND LESS - - - - -		5	10	15		5	10	15
MATTAPONI RIVER, VA.	NO VESSEL TRIPS REPORTED							
MEH-RIN RIVER, N. C.	NO VESSEL TRIPS REPORTED							
MILFORD HAVEN, VA. TOTAL, 8 AND LESS - - - - -			1	1			1	1
HILL CREEK, VA.	NO VESSEL TRIPS REPORTED							
MULBERRY CREEK, VA.	NO VESSEL TRIPS REPORTED							
NANJUA CREEK, VA.	NO VESSEL TRIPS REPORTED							
NANSEMOND RIVER, VA. TOTAL, 10 AND LESS - - - - -			47	47			47	47
NEEDHAMSTOCK CREEK, VA.	NO VESSEL TRIPS REPORTED							
NEANCOCK RIVER, VA. TOTAL, 11 AND LESS - - - - -		41	76	117		41	76	117
OYSTER CHANNEL, VA.	NO VESSEL TRIPS REPORTED							
PAGAN RIVER, VA.	NO VESSEL TRIPS REPORTED							
PANJUNKY RIVER, VA. TOTAL, 8 AND LESS - - - - -		1	7	8		1	7	8
PARKER CREEK, VA.	NO VESSEL TRIPS REPORTED							
PARROTTS CREEK, VA.	NO VESSEL TRIPS REPORTED							
QUEENS CREEK, VA.	NO VESSEL TRIPS REPORTED							
QUINBY CREEK, VA. TOTAL, 2 AND LESS - - - - -	276			276	276			276
RAPPAHANNOCK RIVER, VA. TOTAL, 10 AND LESS - - - - -	429		20	449	429		20	449
STARLINGS CREEK, VA.	NO VESSEL TRIPS REPORTED							
TANGIER CHANNEL, VA. TOTAL, 12 AND LESS - - - - -	140	15	2	157	140	15	2	157
TOTUSKEY CREEK, VA. TOTAL, 9 AND LESS - - - - -			14	14			14	14
TYLERS BEACH, VA.	NO VESSEL TRIPS REPORTED							
URBANNA CREEK, VA.	NO VESSEL TRIPS REPORTED							

\* EXCLUDES DOMESTIC FISH LANDINGS

*Nationwide Commerce of the United States, 1985*

**NORFOLK, VA, DISTRICT**

RIPE AND DRAFTS OF VESSELS

WATERWAY		DIRECTION		DIRECTION		DIRECTION	
HART			TOTAL	PASSENGER AND FREIGHT			TOTAL
EL DUGGAY CHANNEL, VA.		DOWNBOUND	90	1	92	DOWNBOUND	93
TOTAL, H AND EOB -							
INTER-HARBOR, VA.		NO VESSEL TRIP REPORTED					
ISLAND POINT CHANNEL, VA.		NO VESSEL TRIP REPORTED					
EXCLUDES DOMESTIC FISH LANDINGS							

# WILMINGTON, NC, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
CHOCOMAN RIVER, N. C.				UPBOUND						DOWNBOUND		
9 - - - - -			1			1			1			1
7 - - - - -			122	577		699			122	6		128
6 AND LESS - - - - -			11	6		17			11	577		588
TOTAL - - - - -			134	583		717			134	583		717
PAULICO AND TAR RIVERS, N. C.				UPBOUND						DOWNBOUND		
10 - - - - -			22		62	84			20	17	72	448
9 - - - - -			372	12		384			400	9		409
8 - - - - -			14			14			12			12
7 - - - - -			38	449	119	626			16	7	102	125
6 AND LESS - - - - -												
TOTAL - - - - -			446	481	181	1,108			446	481	174	1,103
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)				NORTHBOUND						SOUTHBOUND		
12 - - - - -			39	3		42			39	5	2	46
11 - - - - -			8	1	2	11			7			7
10 - - - - -		1	2	38	1	42			10	459	2	471
9 - - - - -			78	108	63	249			88	97	78	263
8 - - - - -	5		526	173	3	707	9	1	540	26	6	562
7 - - - - -	1		149	11	6	167	3		132	11	7	153
6 AND LESS - - - - -	1,400	1	60	513	139	2,113	1,405		53	311	122	1,891
TOTAL - - - - -	1,406	2	862	847	214	3,331	1,417	1	869	909	217	3,413
WOREHEAD CITY HARBOR, N. C.				INBOUND						OUTBOUND		
34 - - - - -	3	5				8	25	3	1			30
33 - - - - -	1	4				5	3	5				8
32 - - - - -	1	4				5	3					3
31 - - - - -			1		1	2	5	4				9
30 - - - - -	1					1						
29 - - - - -	3	4				7						
28 - - - - -		6				6	1	1				2
27 - - - - -	2	1				3	3					3
26 - - - - -	5	1				6	4	2				6
25 - - - - -	3	3				6	3	2				5
24 - - - - -	12	2				14	7	6				13
23 - - - - -	6	2				8	3	3				6
22 - - - - -	10	1				11	3	2				5
21 - - - - -	13	3				16	7	2				9
20 - - - - -	5	3				8	9	2				11
19 - - - - -	6	1				7	3					4
18 AND LESS - - - - -	882	6	840	453	206	2,347	872	13	846	457	202	2,390
TOTAL - - - - -	953	46	841	453	207	2,500	951	46	847	457	203	2,504
PORT OF WILMINGTON, N. C.				INBOUND						OUTBOUND		
34 - - - - -		5				5						
37 - - - - -	2	13	4			19	3		4			7
36 - - - - -	4	7				11	2	2				4
35 - - - - -	8	9				18	5	5				10
34 - - - - -	17	12			1	30	17	4		1		22
33 - - - - -	22	25		1		48	36	7				43
32 - - - - -	40	18			2	60	32	6				38
31 - - - - -	39	7				47	23	8		1	1	33
30 - - - - -	38	14			1	53	40	16				56
29 - - - - -	54	13			3	70	52	12				64
28 - - - - -	53	21				74	48	11				59
27 - - - - -	72	12			1	85	50	14				65
26 - - - - -	55	30			2	87	61	21			3	85
25 - - - - -	65	21			3	89	61	20				81
24 - - - - -	49	6			5	60	47	18			3	60
23 - - - - -	40	12			16	68	26	20			1	47
22 - - - - -	23	6			3	32	27	15				42
21 - - - - -	14	3	13		5	35	25	21	14			60
20 - - - - -	7	1			3	11	21	18			1	40
19 - - - - -	8	1			15	24	17	7				25
18 AND LESS - - - - -	2,869	3	307	72	342	3,593	2,879	25	288	72	390	3,654
TOTAL - - - - -	3,479	239	324	73	498	4,519	3,472	250	306	73	492	4,503
WILMINGTON HARBOR, N. C.				UPBOUND						DOWNBOUND		
34 - - - - -		5				5						
37 - - - - -	2	13	4			19	3		4			7
36 - - - - -	4	7				11	2	2				4
35 - - - - -	8	9				18	5	5				10
34 - - - - -	17	12			1	30	17	4		1		22
33 - - - - -	22	26		1		49	36	6				42
32 - - - - -	40	18			2	60	32	6				38
31 - - - - -	39	7			1	47	23	8		1	1	33
30 - - - - -	38	14			1	53	40	16				56
29 - - - - -	54	13			3	70	52	12				64
28 - - - - -	53	21				74	48	11				59
27 - - - - -	72	12			1	85	50	14			1	65
26 - - - - -	55	30			2	87	61	21			3	85

\* EXCLUDES DOMESTIC FISH LANDINGS

## TRIPS AND DRAFTS OF VESSELS \*

\* EXCLUDES DOMESTIC FISH LANDINGS

## WILMINGTON, NC, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS \*

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NEW RIVER, N. C. TOTAL, 9 AND LESS - - - - -	100		3			103	100		3			103
OCRAKOE INLET, N. C. TOTAL, 9 AND LESS - - - - -	815		1			816	815		1			816
PERQUIMANS RIVER, N. C. TOTAL, 10 AND LESS - - - - -			1			1			1			1
ROANOKE RIVER, N. C. TOTAL, 12 AND LESS - - - - -			65	185	8	258			68	185	9	262
ROLLINSON CHANNEL, N. C.		NO VESSEL TRIPS REPORTED										
SCUPPERNON RIVER, N. C.		NO VESSEL TRIPS REPORTED										
SHALLOTTE RIVER, N. C.		NO VESSEL TRIPS REPORTED										
SILVER LAKE HARBOR, N. C. TOTAL, 9 AND LESS - - - - -	2,226		1			2,227	2,226		1			2,228
SMITHS CREEK (PAMLICO COUNTY), N. C. TOTAL, 5 AND LESS - - - - -	2					2	2					2
SMITHS CREEK (WILMINGTON), N. C.		NO VESSEL TRIPS REPORTED										
SOUTH RIVER, N. C. TOTAL, 7 AND LESS - - - - -			2			2			2			2
STUMPY POINT BAY, N. C.		NO VESSEL TRIPS REPORTED										
TRENT RIVER, N. C. TOTAL, 7 AND LESS - - - - -			2			2			2			2
WANCHESE HARBOR, N. C. TOTAL, 9 AND LESS - - - - -	16		1			17	16		1			17
WATERWAY - NORFOLK, VA, TO SOUNDS OF NORTH CAROLINA TOTAL, 10 AND LESS - - - - -			1	8		10			1	8		10
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, N. C. TOTAL, 7 AND LESS - - - - -	765		1			765	764		1			765
WATERWAY CONNECTING SHAW QUARTER BAY WITH DEEP BAY, N. C. TOTAL, 7 AND LESS - - - - -	606					606	606					606
WRIGHTS CREEK, N. C.		NO VESSEL TRIPS REPORTED										
# EXCLUDES DOMESTIC FISH LANDINGS												

\* EXCLUDES DOMESTIC FISH LANDINGS



## CHARLESTON, SC, DISTRICT

TRIPS AND DRAFTS OF VESSELS \*

HARBOR OR WATERWAY	DIRECTION				DRAFT (FEET)			
DRAFT (FEET)	SELF PROPELLED VESSELS			TOTAL	NON SELF PROPELLED VESSELS			TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT		DRY CARGO	TANKER	PASSENGER AND DRY CARGO	
ATLANTIC INTRACASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (CHARLESTON DISTRICT)								
12 - - - - -	24	17		41				
11 - - - - -	3	3		6				
10 - - - - -		11		11				
9 - - - - -	6	44		50				
8 - - - - -	9	256		265				
7 - - - - -	97	180		277				
6 AND LESS - - - - -	470	112		582				
TOTAL - - - - -	609	623		1,232				
GEORGETOWN HARBOR, S. C. (WINYAH RAY)								
28 - - - - -	6			6				
27 - - - - -	3			3				
26 - - - - -	1			1				
25 - - - - -	6			6				
24 - - - - -	6			6				
23 - - - - -	7			7				
22 - - - - -	2			2				
21 - - - - -	1			1				
20 - - - - -	3			3				
19 - - - - -	3			3				
18 - - - - -	3			3				
17 - - - - -	3			3				
16 - - - - -	1			1				
15 - - - - -	1			1				
14 - - - - -								
13 AND LESS - - - - -	2	1		3				
TOTAL - - - - -	43	1		44				
CHARLESTON HARBOR, S. C.								
39 - - - - -	2			2				
38 - - - - -	1			1				
37 - - - - -	2			2				
36 - - - - -	9			9				
35 - - - - -	9			9				
34 - - - - -	17			17				
33 - - - - -	26			26				
32 - - - - -	43			43				
31 - - - - -	45			45				
30 - - - - -	64			64				
29 - - - - -	64			64				
28 - - - - -	84			84				
27 - - - - -	126			126				
26 - - - - -	120			120				
25 - - - - -	129			129				
24 - - - - -	110			110				
23 - - - - -	101			101				
22 - - - - -	80			80				
21 - - - - -	71			71				
20 - - - - -	30			30				
19 - - - - -	30			30				
18 AND LESS - - - - -	1,071	5		1,076				
TOTAL - - - - -	3,179	66		3,245				
SHIPYARD RIVER, S. C.								
35 - - - - -	4			4				
34 - - - - -	3			3				
33 - - - - -	2			2				
32 - - - - -	1			1				
31 - - - - -	1			1				
30 - - - - -	2			2				
29 - - - - -	2			2				
28 - - - - -	2			2				
27 - - - - -	3			3				
26 - - - - -	3			3				
25 - - - - -	3			3				
24 - - - - -	4			4				
23 - - - - -	4			4				
22 - - - - -	4			4				
21 - - - - -	4			4				
20 - - - - -	7			7				
19 - - - - -	1			1				
18 AND LESS - - - - -	12			12				
TOTAL - - - - -	61	14		75				
ASHLEY RIVER, S. C.								
TOTAL, 12 AND LESS - - - - -	1,011	208		1,219				
EDISTO RIVER, S. C.								
NO VESSEL TRIPS REPORTED								

\* EXCLUDES DOMESTIC FISH LANDINGS

# CHARLESTON, SC, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS \*

HARBOR OR WATERWAY	DIRECTION			DIRECTION		
	SELF-PROPELLED VESSELS		NON SELF-PROPELLED VESSELS		TOTAL	
DRAFT FEET	TO	FROM	TO	FROM	TOTAL	TOTAL
GREAT PEE DEE RIVER, S. C. TOTAL, 7 AND LESS - - - - -			INBOUND		2	2
PORT ROYAL HARBOR, S. C. TOTAL, 25 AND LESS - - - - -	32		INBOUND	1	41	45
Santee River, S. C. TOTAL, 4 AND LESS - - - - -			INBOUND	3	3	4
Village Creek, S. C.	NO VESSEL TRIPS REPORTED					
SACCAWHA RIVER, N. C. AND S. C. TOTAL, 4 AND LESS - - - - -	2		INBOUND		2	2

\* EXCLUDES DOMESTIC FISH LANDINGS

**SAVANNAH, GA, DISTRICT**

TRIPS AND DRAFT OF VESSELS 4

WATERWAY				DIRECTION			DRAFT FEET				T. T. A.		
DRAFT FEET	SOUTHBOUND			NORTHBOUND			TOTAL	SOUTHBOUND			NORTHBOUND		
	IN	TRANSIT	OUT	IN	TRANSIT	OUT		IN	TRANSIT	OUT	IN	TRANSIT	OUT
SAVANNAH HARBOR, GEORGIA													
40 -	2			INBOUND			2			OUTBOUND			
39 -		1					1	4					4
38 -	2	1					3	10					10
37 -	13	4					17	10					10
36 -	42	14			1		56	41	1				42
35 -	41	26					67	30	10				40
34 -	133	21					154	110	3				113
33 -	124	7					131	115	4				120
32 -	134	4			1		141	134	4		1		144
31 -	65	10			2		75	93	9				102
30 -	67	17			2		104	102	11				113
29 -	104	14			2		122	93	10				103
28 -	67	21			2		110	94	27				121
27 -	88	6			1		97	91	11			1	103
26 -	103	7			4		115	103	11				119
25 -	106	9			2		120	90	20				119
24 -	78	11			2		94	69	15				84
23 -	77	8			2		85	93	17			2	112
22 -	44	0	11		1		49	62	9	11		3	86
21 -	32	6	10		4		61	26	8	10		5	50
20 -	55	3	9		1		72	63	21	9		7	101
19 -	26	2					33	31	5				71
18 AND LESS -	932	8	796		296	343	2,385	885	21	798		303	340
TOTAL -	2,374	221	834		514	185	4,120	2,371	221	834		515	340
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)													
12 -			26	NORTHBOUND			2			20	SOUTHBOUND		
11 -			4			56	60			3		1	21
10 -			47		8	3	64			49		10	54
9 -			59		59	20	207			45		4	107
8 -	14		221		126	20	341	13		179		4	354
7 -			174		2	9	185	3		166		65	430
6 AND LESS -	72		107		168	93	440	68		107		109	476
TOTAL -	86		632		375	274	1,571	80		769		354	1,464
SAVANNAH HARBOR, GEORGIA													
32 -	2			INBOUND			2			OUTBOUND			
31 -	17						10	1					11
30 -	4						4	1					5
29 -	1						1	6					7
28 -	6						6	8					14
27 -	7						7	5					12
26 -	14						14	2					16
25 -	5						5	4					9
24 -	0						0	7					7
23 -	5						5	2					7
22 -	44						44	17					17
21 -	6						6	0					6
20 -	1						1	7					7
19 -	5				1		6	13					13
18 -	3						3	7					7
17 -								0					0
16 -	2						2	0					2
15 -	3						3	2				1	3
14 -	3						3	2					3
13 -	6						6	2					6
12 AND LESS -	20		517		227	211	984	56		516		227	209
TOTAL -	105		517		228	211	1,121	161		516		227	210
ALTAMAHA RIVER, GA. NO VESSEL TRIPS REPORTED													
DARIEN HARBOR, GA.													
TOTAL, 5 AND LESS -				INBOUND					1		OUTBOUND		
SATILLA RIVER, GA.													
TOTAL, 8 AND LESS -			2	INBOUND			2			2	DOWNBOUND		
SAVANNAH RIVER BELOW AUGUSTA, GA.													
TOTAL, 8 AND LESS -	6		4	INBOUND			10	7		4	DOWNBOUND		
ST. MARYS RIVER, GA. AND FLA.													
TOTAL, 11 AND LESS -			21	INBOUND			26	45		21	DOWNBOUND		

**\* EXCLUDES DOMESTIC FISH LANDINGS**

# JACKSONVILLE, FL, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND OR FERRY	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND OR FERRY	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (JACKSONVILLE DISTRICT)												
				NORTHBOUND						SOUTHBOUND		
12 -			6	12	4	24			12			12
11 -			4		75	79	1		2			3
10 -			35		10	46			41			50
9 -	1		37	1	117	155			37	25	1	63
8 -			68	19	10	103	9		61	126		196
7 -	6		276			276	3		277	2	99	341
6 AND LESS -	7		96	144	70	317	9		104	23	220	356
TOTAL -	14		524	176	286	1,000	22		534	145	280	1,021
JACKSONVILLE HARBOR, FLA.												
				INBOUND						OUTBOUND		
35 -	7	25	28	1	6	67	6	14	40			74
34 -	3	19	2		8	32	2	3				5
33 -	2	17			3	22	10	4		1		15
32 -	43	3			6	52	25	9				34
31 -	27	4			9	40	19	3				22
30 -	33	6			10	49	49	17		1		67
29 -	78	11			12	101	99	7	1			108
28 -	126	16		1	11	154	144	17		5		186
27 -	122	6		1	7	136	105	9		9		120
26 -	197	15	14		7	233	135	12	14	23		184
25 -	143	10	1		2	156	154	6		6		169
24 -	99	8			4	107	78	9	1			94
23 -	77	6			3	86	57	3				65
22 -	54	10	16		4	84	41	12	17	1		71
21 -	38	3	12	1	4	58	33	9	12			55
20 -	25	6	130	9	3	181	37	0	212	1	4	263
19 -	14	5	31	2	4	56	22	7	33	1	1	64
18 AND LESS -	231	14	1,329	366	996	2,936	206	33	1,310	371	1,022	2,942
TOTAL -	1,310	186	1,571	381	1,101	4,500	1,242	146	1,640	373	1,099	4,540
CANAVERRAL HARBOR, FLA.												
				INBOUND						OUTBOUND		
37 -			1			1			1			1
36 -	1				1	2						1
35 -	2	2				4						7
34 -	6	9				15	6	1				2
33 -	7	2			1	10	2					3
32 -	4	1				5	3					9
31 -	4					4	6	3				8
30 -	9	6				12	6	2				114
29 -	110	8			1	119	110	4				13
28 -	15	4			1	20	10	3				15
27 -	26	3				29	12	3				9
26 -	6	3	2		1	12	5	1	2			10
25 -	13	6			2	19	9	0				17
24 -	7	5				12	12	5				10
23 -	7	2		1		10	11	6		1		4
22 -	6	2		1		9	17	2		2		20
21 -	3	1		3		7	5	2	2			11
20 -	3		2	1		6	2			2		14
19 -	4	1		1	1	7	12					706
18 AND LESS -	422		139	52	75	688	423	8	142	53	60	990
TOTAL -	652	53	144	59	83	991	653	49	147	57	64	990
PALM BEACH HARBOR, FLA.												
				INBOUND						OUTBOUND		
34 -		1				1						1
33 -		3				3		1				6
32 -	4	5				9		6				2
31 -	3	3				3		2				1
30 -	2	1				3	1					2
29 -	1				3	4						1
28 -	6					6		2				2
27 -	11					11	1	1				5
26 -	9	2				11		3				12
25 -	1					1	2	3				12
24 -	3	1				4	3	1		8		9
23 -	2	4		4		10	6	2		1		7
22 -	2					2	4	4				16
21 -	4	4				8	6	1				13
20 -	9	1	4			14	12		2	2		2
19 -	3					3	5			8		10
18 AND LESS -	1,505	1	41	37		1,584	1,519	2	47	18	2	1,588
TOTAL -	1,559	26	45	41	3	1,674	1,559	26	49	41	2	1,677
PORT EVERGLADES HARBOR, FLA.												
				INBOUND						OUTBOUND		
40 -		3				3						1
39 -	1					1		1				1
38 -		4			1	5		7				12
37 -	9	11	27		5	52			27		2	36
36 -	6	14			14	34	2	7		1	2	5
35 -	12	21			6	39	4	1				18
34 -	11	45			18	66	12	6				19
33 -	11	43			20	74	7	7			1	27
32 -	26	26			16	68	22	5				

## Waterborne Commerce of the United States, 1985

## JACKSONVILLE, FL, DISTRICT

## TRIPS AND DRAFTS OF VESSELS \*

HARBOR OR WATERWAY	DIRECTION									
	SELF PROPELLED VESSELS					NON SELF PROPELLED VESSELS				
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	TOTAL	
PORT EVERGLADES HARBOR, FLA.--(CONTINUED)										
31 -	55	0		INBOUND	12	76	55	6	OUTBOUND	2
30 -	21	0			10	70	24	7		3
29 -	22	4			25	51	21	0		6
28 -	112	19	1		9	141	126	27	1	0
27 -	32	3			6	41	25	6	1	7
26 -	46	19	5		2	72	41	23	6	0
25 -	22	14			2	38	24	20		0
24 -	15	9			3	27	14	10		1
23 -	18	6			3	27	15	7		3
22 -	55	11	10		1	63	40	12	15	5
21 -	55	7	4			46	50	14	4	2
20 -	19	4	19		2	46	21	33	20	1
19 -	5	3	1		1	11	6	7	1	2
18 AND LESS -	3,049	34	253	24	118	3,458	3,198	86	237	20
TOTAL -	3,502	321	306	26	263	4,490	3,716	325	310	25
MIAMI HARBOR, FLA.										
30 -	197	0		INBOUND	205	107	3		OUTBOUND	190
29 -	92				103	99	1			101
28 -	69			11	69	95				95
27 -	180				189	333				333
26 -	325	1			326	225	2		1	220
25 -	143				143	117				117
24 -	60	2			62	67	1			68
23 -	144				144	170	1			171
22 -	117	3			120	111	1			112
21 -	120	25			145	220	24			244
20 -	178	2	0	2	191	82			2	96
19 -	123				123	192		11		192
18 AND LESS -	3,748	23	3,504	10	206	7,491	3,606	29	3,502	9
TOTAL -	5,505	64	3,513	12	217	9,311	5,504	63	3,513	12
MIAMI RIVER, FLA.										
15 -	54			INBOUND	34	10			OUTBOUND	10
14 -	53				53	74				74
13 -	53				53	149		1		150
12 -	204	2			206	203	2			205
11 -	202				202	125				125
10 -	91	13	1		105	31	13			44
9 -	33				33	14			1	15
8 -	10	1		1	12	19			1	21
7 -	150		1,470		1,620	177		1,440		1,617
6 AND LESS -	1,565	5	1,078	4	3,452	1,573	6	1,077	2	1,085
TOTAL -	2,480	21	3,340	5	5,835	2,455	21	3,340	4	3,366
BAKERS HAJLOVER INLET, FLA.										
TOTAL, 6 AND LESS -	534			UPBOUND	534	534			DOWNBOUND	534
EAU GALIE HARBOR, FLA.										
NO VESSEL TRIPS REPORTED										
FERNANDINA HARBOR, FLORIDA										
TOTAL, 18 AND LESS -	11		124	INBOUND	116	251	0	125	OUTBOUND	110
FORT PIERCE HARBOR, FLA.										
TOTAL, 22 AND LESS -	122		21	INBOUND	143	159	120	19	OUTBOUND	17
INTRACASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.										
TOTAL, 12 AND LESS -	2,695	1	204	NORTHBOUND	50	3,247	3,218	170	SOUTHBOUND	55
INTRACASTAL WATERWAY, MIAMI TO KEY WEST, FLA.										
TOTAL, 11 AND LESS -	55		120	NORTHBOUND	217	390	1,157	5	SOUTHBOUND	3
KEY WEST HARBOR, FLA.										
TOTAL, 18 AND LESS -	1,290	3	124	INBOUND	8	1,402	1,291	2	OUTBOUND	7
LAKE CRESCENT AND DUNN CREEK, FLA.										
TOTAL, 9 AND LESS -				UPBOUND	3	3			DOWNBOUND	3
MELBOURNE HARBOR, FLA.										
TOTAL, 9 AND LESS -			1	INBOUND	1	1		1	OUTBOUND	1
NEW RIVER, FLA.										
TOTAL, 7 AND LESS -	553		5	INBOUND	1	559	552	3	OUTBOUND	1

\* EXCLUDES DOMESTIC FISH LANDINGS

**JACKSONVILLE, FL, DISTRICT**

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY		DIRECTION									
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER
OKLAHAMA RIVER, FLA. TOTAL, 2 AND LESS	36,000			UPBOUND		36,000	36,000			36,000	
PONCE DE LEON INLET, FLA. TOTAL, 0 AND LESS			2	UPBOUND		2		2		2	
RICE CREEK, FLA. TOTAL, 0 AND LESS			70	UPBOUND	45 90	210		70		210	
ST. AUGUSTINE HARBOR, FLA. TOTAL, 0 AND LESS	1,070		4	INBOUND		1,070	1,000	4		1,070	
ST. JOHN'S RIVER, FLA., JACKSONVILLE TO LAKE HARNEY TOTAL, 11 AND LESS	30		140	UPBOUND	16 133	120	16	140		320	
ST. LUCIE INLET, FLA. TOTAL, 0 AND LESS	1		1	UPBOUND	1	1	1	1		1	
# EXCLUDES DOMESTIC FISH LANDINGS											

*Waterborne Commerce of the United States, 1985*  
**ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT)**  
 TRIPS AND DRAFTS OF VESSELS \*

HARBOR OR WATERWAY			DIRECTION								
DRAFT FEET	IN		OUT		TOTAL	IN		TOTAL			
	TOTAL	PERCENT	TOTAL	PERCENT		TOTAL	PERCENT				
ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN GROUNDS, VESSELS, AND THE ST. JOHN'S RIVER, FLA											
12 - - - - -	24	40	15	4	61	65	60	87.4002.40		90	
11 - - - - -	1	10	1	77	78	4	7			11	
10 - - - - -	1	100	70	63	134	170	100	130	1.000	1.000	
9 - - - - -	2	133	63	100	163	165	170	100	1.000	1.000	
8 - - - - -	20	700	100	60	160	160	170	100	1.000	1.000	
7 - - - - -	67	501	11	10	21	589	100	100	1.000	1.000	
6 AND LESS - - - - -	1,000	1	1,700	200	1,900	1,900	1,000	100	1.000	1.000	
TOTAL - - - - -	2,252	1	2,271	600	2,871	2,870	2,250	2,250	1.000	1.000	
♦ EXCLUDES DOMESTIC FROM LANDINGS											

\* EXCLUDES DOMESTIC FISH LANDINGS

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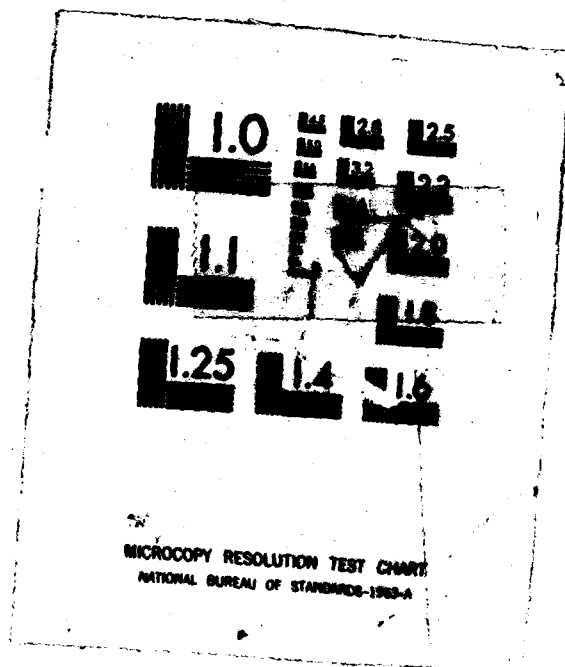


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WATER RESOURCES COMMERCE OF THE UNITED STATES CALENDAR YEAR 33  
1987 PART 1 WATERWAYS U.S. CORPS OF ENGINEERS FORT BELVOIR  
WA WATER RESOURCES SUPPORT CE MAY 87 WRCS-WRCS-85-1  
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